

February 21, 2008

**CEQA Initial Study - Environmental Checklist Form  
(Based on the State CEQA Guidelines, Appendix G Rev. 10/04)**

1. Project Number(s)/Environmental Log Number/Title:

Dotts Subdivision; TM 5300, AD 06-047, Log No. 02-04-054

2. Lead agency name and address:

County of San Diego, Department of Planning and Land Use  
5201 Ruffin Road, Suite B,  
San Diego, CA 92123-1666

3. a. Contact: Christine Stevenson, Project Manager  
b. Phone number: (858) 694-3685  
c. E-mail: Christine.Stevenson@sdcounty.ca.gov.

4. Project location:

The project is located at 6565 Dehesa Road within the Crest/Dehesa/Harbison Canyon/Granite Hills Subregional Plan within unincorporated San Diego County.

Thomas Brothers Coordinates: Page 1253, Grid F/3

5. Project Applicant name and address:

Stan P. Dotts, 2550 Willow Glen Drive, El Cajon, CA 92019

- |                             |   |
|-----------------------------|---|
| 6. General Plan Designation | EDA-Estate Development Area                                 |
| Community Plan:             | Crest/Dehesa/Harbison Canyon/Granite Hills Subregional Plan |
| Land Use Designation:       | 17-Estate Residential                                       |
| Density:                    | 1 du/2 or 4 acre(s)   |

7. Zoning  
Use Regulation: A72, General Agriculture  
Minimum Lot Size: 1 du/2 acre(s)  
Special Area Regulation: None

8. Description of project:

The project is a Tentative Map and Administrative Permit to subdivide a 38-acre parcel into four lots. The project site is located at 6565 Dehesa Road in the Crest/Dehesa/Harbison Canyon/Granite Hills Subregional Plan within unincorporated San Diego County. The site is subject to the General Plan Regional Category 1.3 Estate Development Area, Land Use Designation 1.3 Estate Development Area. Zoning for the site is A72 (General Agricultural) Use. Access would be provided by a private road connecting to Dehesa Road. The project would be served by on-site septic systems and groundwater. For this site, the County Groundwater Ordinance minimum lot size is eight acres, allowing a maximum of four lots on this site. The Administrative Permit allows lot area averaging to create two lots that would be less than eight acres each. The remaining lots will exceed the 8.0-acre minimum. Earthwork will consist of cut of 23,400 cubic yards of material and fill of 20,200 cubic yards of material. The project does not include off-site improvements.

9. Surrounding land uses and setting (Briefly describe the project's surroundings):

Surrounding land uses include rural residential development to the west, and steep undeveloped lands to the east and south. Dehesa Road is located just north of the project site. The site is located approximately 2,700 feet west of the Cleveland National Forest and 1.25 miles northwest of the Loveland Reservoir. Elevation ranges from 930 feet msl at the central western end of the parcel to 1,310 feet msl at the southeast corner of the parcel.

10. Other public agencies whose approval is required (e.g., permits, financing approval, or participation agreement):

<b><u>Permit Type/Action</u></b>	<b><u>Agency</u></b>
Administrative Permit Lot Area Averaging	County of San Diego
Minor Grading Permit	County of San Diego
Tentative Map	County of San Diego
Grading Permit	County of San Diego
Improvement Plans	County of San Diego
Septic Tank Permit	County of San Diego
Water Well Permit	County of San Diego
Annexation into CFD 04-1 (San Diego Rural Fire Protection District)	Local Agency Formation Commission (LAFCO)

<b><u>Permit Type/Action</u></b>	<b><u>Agency</u></b>
1603 – Streambed Alteration Agreement	CA Department of Fish and Game (CDFG)
National Pollutant Discharge Elimination System (NPDES) Permit	RWQCB
General Construction Storm water Permit	RWQCB
Fire District Approval	San Diego Rural Fire Protection District

**ENVIRONMENTAL FACTORS POTENTIALLY AFFECTED:** The environmental factors checked below would be potentially affected by this project and involve at least one impact that is a “Potentially Significant Impact” or a “Less Than Significant With Mitigation Incorporated,” as indicated by the checklist on the following pages.

- |   |   |   |
|---|---|---|
| <input type="checkbox"/> <u>Aesthetics</u>                      | <input type="checkbox"/> <u>Agricultural Resources</u>                        | <input type="checkbox"/> <u>Air Quality</u>                       |
| <input checked="" type="checkbox"/> <u>Biological Resources</u> | <input type="checkbox"/> <u>Cultural Resources</u>                            | <input type="checkbox"/> <u>Geology &amp; Soils</u>               |
| <input type="checkbox"/> <u>Hazards &amp; Haz. Materials</u>    | <input type="checkbox"/> <u>Hydrology &amp; Water Quality</u>                 | <input type="checkbox"/> <u>Land Use &amp; Planning</u>           |
| <input type="checkbox"/> <u>Mineral Resources</u>               | <input type="checkbox"/> <u>Noise</u>   | <input type="checkbox"/> <u>Population &amp; Housing</u>          |
| <input type="checkbox"/> <u>Public Services</u>                 | <input type="checkbox"/> <u>Recreation</u>                                    | <input checked="" type="checkbox"/> <u>Transportation/Traffic</u> |
| <input type="checkbox"/> <u>Utilities &amp; Service Systems</u> | <input checked="" type="checkbox"/> <u>Mandatory Findings of Significance</u> |   |

**DETERMINATION:** (To be completed by the Lead Agency)  
On the basis of this initial evaluation:

- ☐ On the basis of this Initial Study, the Department of Planning and Land Use finds that the proposed project COULD NOT have a significant effect on the environment, and a NEGATIVE DECLARATION will be prepared.
- ☒ On the basis of this Initial Study, the Department of Planning and Land Use finds that although the proposed project could have a significant effect on the environment, there will not be a significant effect in this case because revisions in the project have been made by or agreed to by the project proponent. A MITIGATED NEGATIVE DECLARATION will be prepared.
- ☐ On the basis of this Initial Study, the Department of Planning and Land Use finds that the proposed project MAY have a significant effect on the environment, and an ENVIRONMENTAL IMPACT REPORT is required.

\_\_\_\_\_  
Signature

Christine Stevenson  
\_\_\_\_\_  
Printed Name

February 21, 2008  
\_\_\_\_\_  
Date

Land Use/Environmental Planner  
\_\_\_\_\_  
Title

## **INSTRUCTIONS ON EVALUATION OF ENVIRONMENTAL IMPACTS**

1. A brief explanation is required for all answers except “No Impact” answers that are adequately supported by the information sources a lead agency cites in the parentheses following each question. A “No Impact” answer is adequately supported if the referenced information sources show that the impact simply does not apply to projects like the one involved (e.g., the project falls outside a fault rupture zone). A “No Impact” answer should be explained where it is based on project-specific factors as well as general standards (e.g., the project will not expose sensitive receptors to pollutants, based on a project-specific screening analysis).
2. All answers must take account of the whole action involved, including off-site as well as on-site, cumulative as well as project-level, indirect as well as direct, and construction as well as operational impacts.
3. Once the lead agency has determined that a particular physical impact may occur, then the checklist answers must indicate whether the impact is potentially significant, Less Than Significant With Mitigation Incorporated, or less than significant. “Potentially Significant Impact” is appropriate if there is substantial evidence that an effect may be significant. If there are one or more “Potentially Significant Impact” entries when the determination is made, an EIR is required.
4. “Potential Significant Unless Mitigation Incorporated” applies where the incorporation of mitigation measures has reduced an effect from “Potentially Significant Impact” to a “Less Than Significant Impact.” The lead agency must describe the mitigation measures, and briefly explain how they reduce the effect to a less than significant level.
5. Earlier analyses may be used where, pursuant to the tiering, program EIR, or other CEQA process, an effect has been adequately analyzed in an earlier EIR or negative declaration. Section 15063(c)(3)(D). In this case, a brief discussion should identify the following:
  - a) Earlier Analysis Used. Identify and state where they are available for review.
  - b) Impacts Adequately Addressed. Identify which effects from the above checklist were within the scope of and adequately analyzed in an earlier document pursuant to applicable legal standards, and state whether such effects were addressed by mitigation measures based on the earlier analysis.
  - c) Mitigation Measures. For effects that are “Less Than Significant With Mitigation Incorporated,” describe the mitigation measures that were incorporated or refined from the earlier document and the extent to which they address site-specific conditions for the project.
6. Lead agencies are encouraged to incorporate into the checklist references to information sources for potential impacts (e.g., general plans, zoning ordinances). Reference to a previously prepared or outside document should, where appropriate, include a reference to the page or pages where the statement is substantiated.
7. The explanation of each issue should identify:
  - a) The significance criteria or threshold, if any, used to evaluate each question; and
  - b) The mitigation measure identified, if any, to reduce the impact to less than significance

**I. AESTHETICS** -- Would the project:

a) Have a substantial adverse effect on a scenic vista?

- |   |   |
|---|---|
| <input type="checkbox"/> Potentially Significant Impact                     | <input type="checkbox"/> Less than Significant Impact |
| <input type="checkbox"/> Less Than Significant With Mitigation Incorporated | <input checked="" type="checkbox"/> No Impact         |

Scenic vistas are singular vantage points that offer unobstructed views of valued viewsheds, including areas designated as official scenic vistas along major highways or County designated visual resources. Based on a site visit completed by Christine Stevenson on September 4, 2003, the proposed project is not located near or visible from a scenic vista and will not change the composition of an existing scenic vista. The project site is located on Dehesa Road in a rural residential area surrounded by steep undeveloped land. Therefore, the proposed project will not have any substantial adverse effect on a scenic vista.

b) Substantially damage scenic resources, including, but not limited to, trees, rock outcroppings, and historic buildings within a state scenic highway?

- |   |   |
|---|---|
| <input type="checkbox"/> Potentially Significant Impact                     | <input type="checkbox"/> Less than Significant Impact |
| <input type="checkbox"/> Less Than Significant With Mitigation Incorporated | <input checked="" type="checkbox"/> No Impact         |

State scenic highways refer to those highways that are officially designated. A scenic highway is officially designated as a State scenic highway when the local jurisdiction adopts a scenic corridor protection program, applies to the California Department of Transportation for scenic highway approval, and receives notification from CalTrans that the highway has been designated as an official Scenic Highway. Based on a site visit completed by Christine Stevenson on September 4, 2003 the proposed project is not located near or visible within the same composite viewshed as a State scenic highway and will not change the visual composition of an existing scenic resource within a State scenic highway. Generally, the area defined within a State scenic highway is the land adjacent to and visible from the vehicular right-of-way. The dimension of a scenic highway is usually identified using a motorist's line of vision, but a reasonable boundary is selected when the view extends to the distant horizon. The project site is located on Dehesa Road, which is not a state scenic highway. Therefore, the proposed project will not have any substantial adverse effect on a scenic resource within a State scenic highway.

c) Substantially degrade the existing visual character or quality of the site and its surroundings?

- |   |  |
|---|--|
| <input type="checkbox"/> Potentially Significant Impact                     | <input checked="" type="checkbox"/> Less than Significant Impact |
| <input type="checkbox"/> Less Than Significant With Mitigation Incorporated | <input type="checkbox"/> No Impact                               |

Visual character is the objective composition of the visible landscape within a viewshed. Visual character is based on the organization of the pattern elements line, form, color, and texture. Visual character is commonly discussed in terms of dominance, scale, diversity and continuity. Visual quality is the viewer's perception of the visual environment and varies based on exposure, sensitivity and expectation of the viewers. The existing visual character and quality of the project site and surrounding can be characterized as rural residential and steep undeveloped lands.

The proposed project is a rural residential subdivision. The project is compatible with the existing visual environment's visual character and quality for the following reasons: grading is proposed to construct a private roadway, and development pads and driveways on each lot. The development of four new residences will be in proximity of existing residential development on adjacent lots to the west.

The project will not result in cumulative impacts on visual character or quality because the entire existing viewshed and a list of past, present and future projects within that viewshed were evaluated. Refer to XVII. Mandatory Findings of Significance for a comprehensive list of the projects considered. Those projects listed in Section XVII are located within the viewshed surrounding the project and will not contribute to a cumulative impact for the following reasons: four new rural residential lots on 38 acres is consistent with adjacent land uses. Therefore, the project will not result in any adverse project or cumulative level effect on visual character or quality on-site or in the surrounding area.

d) Create a new source of substantial light or glare, which would adversely affect day or nighttime views in the area?

- |   |  |
|---|--|
| <input type="checkbox"/> Potentially Significant Impact                     | <input checked="" type="checkbox"/> Less than Significant Impact |
| <input type="checkbox"/> Less Than Significant With Mitigation Incorporated | <input type="checkbox"/> No Impact                               |

The proposed project will use outdoor lighting and is located within Zone B as identified by the San Diego County Light Pollution Code. However, it will not adversely affect nighttime views or astronomical observations, because the project will conform to the Light Pollution Code (Section 59.101-59.115), including the Zone B lamp type and shielding requirements per fixture and hours of operation limitations for outdoor lighting and searchlights.

The project will not contribute to significant cumulative impacts on day or nighttime views because the project will conform to the Light Pollution Code. The Code was developed by the San Diego County Department of Planning and Land Use and Department of Public Works in cooperation with lighting engineers, astronomers, land use planners from San Diego Gas and Electric, Palomar and Mount Laguna observatories, and local community planning and sponsor groups to effectively address and minimize the impact of new sources light pollution on nighttime views. The

standards in the Code are the result of this collaborative effort and establish an acceptable level for new lighting. Compliance with the Code is required prior to issuance of any building permit for any project. Mandatory compliance for all new building permits ensures that this project in combination with all past, present and future projects will not contribute to a cumulatively considerable impact. Therefore, compliance with the Code ensures that the project will not create a significant new source of substantial light or glare, which would adversely affect daytime or nighttime views in the area, on a project or cumulative level.

**II. AGRICULTURAL RESOURCES** -- Would the project:

- a) Convert Prime Farmland, Unique Farmland, or Farmland of Statewide or Local Importance (Important Farmland), as shown on the maps prepared pursuant to the Farmland Mapping and Monitoring Program of the California Resources Agency, or other agricultural resources, to non-agricultural use?

- |   |  |
|---|--|
| <input type="checkbox"/> Potentially Significant Impact                     | <input checked="" type="checkbox"/> Less than Significant Impact |
| <input type="checkbox"/> Less Than Significant With Mitigation Incorporated | <input type="checkbox"/> No Impact                               |

The project site has land designated as grazing land according to the State Farmland Mapping and Monitoring Program (FMMP). However, there is no evidence of agricultural use on the project site since the year 2000, which is four years prior to the last FMMP mapping date. In order to qualify for the Prime Farmland, Unique Farmland, Farmland of Statewide or Local Importance designations, land must have been cropped at some time during the four years prior to the last FMMP mapping date. Given the lack of agricultural use on the site, the designation of this area as grazing land by the State is likely misapplied as a result of the large scale of the Statewide mapping effort which assigns Farmland designations based on aerial photography and limited ground verification. Therefore, due to the lack of historic agricultural use at the project site, the site does not meet the definition of an agricultural resource and no potentially significant project or cumulative level conversion of Prime Farmland, Unique Farmland, or Farmland of Statewide or Local Importance to a non-agricultural use will occur as a result of this project.

- b) Conflict with existing zoning for agricultural use, or a Williamson Act contract?

- |   |  |
|---|--|
| <input type="checkbox"/> Potentially Significant Impact                     | <input checked="" type="checkbox"/> Less than Significant Impact |
| <input type="checkbox"/> Less Than Significant With Mitigation Incorporated | <input type="checkbox"/> No Impact                               |

The project site is zoned A72 (General Agriculture), which is considered to be an agricultural zone. However, the proposed project will not result in a conflict in zoning for agricultural use, because single-family residences are a permitted use in A72 zones and will not create a conflict with existing zoning for agricultural use. Additionally, the

project site's land is not under a Williamson Act Contract. Therefore, there will be no conflict with existing zoning for agricultural use, or a Williamson Act contract.

- c) Involve other changes in the existing environment, which, due to their location or nature, could result in conversion of Important Farmland or other agricultural resources, to non-agricultural use?

- |   |   |
|---|---|
| <input type="checkbox"/> Potentially Significant Impact                     | <input type="checkbox"/> Less than Significant Impact |
| <input type="checkbox"/> Less Than Significant With Mitigation Incorporated | <input checked="" type="checkbox"/> No Impact         |

The project site and surrounding area within a radius of three miles does not contain any active agricultural operations. Although lands designated as grazing lands as shown on the maps prepared pursuant to the Farmland Mapping and Monitoring Program of the California Resources Agency, the site has not been historically grazed. Therefore, no Prime Farmland, Unique Farmland, Farmland of Statewide or Local Importance, or active agricultural operations will be converted to a non-agricultural use.

**III. AIR QUALITY** -- Where available, the significance criteria established by the applicable air quality management or air pollution control district may be relied upon to make the following determinations. Would the project:

- a) Conflict with or obstruct implementation of the San Diego Regional Air Quality Strategy (RAQS) or applicable portions of the State Implementation Plan (SIP)?

- |   |  |
|---|--|
| <input type="checkbox"/> Potentially Significant Impact                     | <input checked="" type="checkbox"/> Less than Significant Impact |
| <input type="checkbox"/> Less Than Significant With Mitigation Incorporated | <input type="checkbox"/> No Impact                               |

The project proposes development that was anticipated in SANDAG growth projections used in development of the RAQS and SIP. Operation of the project will not result in emissions of significant quantities of criteria pollutants listed in the California Ambient Air Quality Standards or toxic air contaminants as identified by the California Air Resources Board. As such, the proposed project is not expected to conflict with either the RAQS or the SIP. In addition, the project is consistent the SANDAG growth projections used in the RAQS and SIP, therefore, the project will not contribute to a cumulatively considerable impact.

- b) Violate any air quality standard or contribute substantially to an existing or projected air quality violation?

- |   |  |
|---|--|
| <input type="checkbox"/> Potentially Significant Impact                     | <input checked="" type="checkbox"/> Less than Significant Impact |
| <input type="checkbox"/> Less Than Significant With Mitigation Incorporated | <input type="checkbox"/> No Impact                               |



In general, air quality impacts from land use projects are the result of emissions from motor vehicles, and from short-term construction activities associated with such projects. The San Diego County Air Pollution Control District (SDAPCD) has established screening-level criteria for all new source review (NSR) in APCD Rule 20.2. For CEQA purposes, these screening-level criteria can be used as numeric methods to demonstrate that a project's total emissions (e.g. stationary and fugitive emissions, as well as emissions from mobile sources) would not result in a significant impact to air quality. Since APCD does not have screening-level criteria for emissions of volatile organic compounds (VOCs), the use of the screening level for reactive organic compounds (ROC) from the CEQA Air Quality Handbook for the South Coast Air Basin (SCAB), which has stricter standards for emissions of ROCs/VOCs than San Diego's, is appropriate. However, the eastern portions of the county have atmospheric conditions that are characteristic of the Southeast Desert Air Basin (SEDAB). SEDAB is not classified as an extreme non-attainment area for ozone and therefore has a less restrictive screening-level. Projects located in the eastern portions of the County can use the SEDAB screening-level threshold for VOCs.

The project proposes grading to construct a private road, private driveways and building pads. Work will involve the cut of 23,400 cubic yards of material and fill of 20,200 cubic yards of material. However, grading operations associated with the construction of the project would be subject to County of San Diego Grading Ordinance, which requires the implementation of dust control measures. Emissions from the construction phase would be minimal and localized, resulting in pollutant emissions below the screening-level criteria established by SDAPCD Rule 20.2 and by the South Coast Air Quality Management District (SCAQMD) CEQA Air Quality Handbook section 6.2 and 6.3. In addition, the vehicle trips generated from the project will result in 48 Average Daily Trips (ADTs). According to the Bay Area Air Quality Management District CEQA Guidelines for Assessing the Air Quality Impacts of Projects and Plans, projects that generate less than 2,000 ADT are below the Screening-Level Criteria established by SDAPCD Rule 20.2 and by the SCAQMD CEQA Air Quality Handbook section 6.2 and 6.3 for criteria pollutants. As such, the project will not violate any air quality standard or contribute substantially to an existing or projected air quality violation.

- c) Result in a cumulatively considerable net increase of any criteria pollutant for which the project region is non-attainment under an applicable federal or state ambient air quality standard (including releasing emissions which exceed quantitative thresholds for ozone precursors)?

- |   |  |
|---|--|
| <input type="checkbox"/> Potentially Significant Impact                     | <input checked="" type="checkbox"/> Less than Significant Impact |
| <input type="checkbox"/> Less Than Significant With Mitigation Incorporated | <input type="checkbox"/> No Impact                               |

San Diego County is presently in non-attainment for the 1-hour concentrations under the California Ambient Air Quality Standard (CAAQS) for Ozone (O<sub>3</sub>). San Diego County is also presently in non-attainment for the annual geometric mean and for the 24-hour concentrations of Particulate Matter less than or equal to 10 microns (PM<sub>10</sub>)

under the CAAQS.  $O_3$  is formed when volatile organic compounds (VOCs) and nitrogen oxides ( $NO_x$ ) react in the presence of sunlight. VOC sources include any source that burns fuels (e.g., gasoline, natural gas, wood, oil); solvents; petroleum processing and storage; and pesticides. Sources of  $PM_{10}$  in both urban and rural areas include: motor vehicles, wood burning stoves and fireplaces, dust from construction, landfills, agriculture, wildfires, brush/waste burning, and industrial sources of windblown dust from open lands.

Air quality emissions associated with the project include emissions of  $PM_{10}$ ,  $NO_x$  and VOCs from construction/grading activities, as well as VOCs as the result of increase of traffic from operations at the facility. However, grading operations associated with the construction of the project would be subject to County of San Diego Grading Ordinance, which requires the implementation of dust control measures. Emissions from the construction phase would be minimal and localized, resulting in  $PM_{10}$  and VOC emissions below the screening-level criteria established by SDAPCD Rule 20.2 and by the South Coast Air Quality Management District (SCAQMD) CEQA air quality handbook section 6.2 and 6.3. The vehicle trips generated from the project will result in 48 Average Daily Trips (ADTs). According to the Bay Area Air Quality Management District CEQA Guidelines for Assessing the Air Quality Impacts of Projects and Plans, projects that generate less than 2,000 ADT are below the Screening-Level Criteria established by SDAPCD Rule 20.2 and by the SCAQMD CEQA air quality handbook section 6.2 and 6.3 for VOCs and  $PM_{10}$ .

In addition, a list of past, present and future projects within the surrounding area were evaluated and none of these projects emit significant amounts of criteria pollutants. Refer to XVII. Mandatory Findings of Significance for a comprehensive list of the projects considered. The proposed project as well as the past, present and future projects within the surrounding area, have emissions below the screening-level criteria established by SDAPCD Rule 20.2 and by the SCAQMD CEQA air quality handbook section 6.2 and 6.3, therefore, the construction and operational emissions associated with the proposed project are not expected to create a cumulatively considerable impact nor a considerable net increase of  $PM_{10}$ , or any  $O_3$  precursors.

d) Expose sensitive receptors to substantial pollutant concentrations?

- |   |   |
|---|---|
| <input type="checkbox"/> Potentially Significant Impact                     | <input type="checkbox"/> Less than Significant Impact |
| <input type="checkbox"/> Less Than Significant With Mitigation Incorporated | <input checked="" type="checkbox"/> No Impact         |

Air quality regulators typically define sensitive receptors as schools (Preschool-12<sup>th</sup> Grade), hospitals, resident care facilities, or day-care centers, or other facilities that may house individuals with health conditions that would be adversely impacted by changes in air quality.

Based a site visit conducted by Christine Stevenson on September 4, 2003, sensitive receptors have not been identified within a quarter-mile (the radius determined by the SCAQMD in which the dilution of pollutants is typically significant) of the proposed project. Furthermore, no point-source emissions of air pollutants (other than vehicle emissions) are associated with the project. As such, the project will not expose sensitive populations to excessive levels of air pollutants.

e) Create objectionable odors affecting a substantial number of people?

- |   |   |
|---|---|
| <input type="checkbox"/> Potentially Significant Impact                     | <input type="checkbox"/> Less than Significant Impact |
| <input type="checkbox"/> Less Than Significant With Mitigation Incorporated | <input checked="" type="checkbox"/> No Impact         |

No potential sources of objectionable odors have been identified in association with the proposed project. As such, no impact from odors is anticipated.

**IV. BIOLOGICAL RESOURCES** -- Would the project:

a) Have a substantial adverse effect, either directly or through habitat modifications, on any species identified as a candidate, sensitive, or special status species in local or regional plans, policies, or regulations, or by the California Department of Fish and Game or U.S. Fish and Wildlife Service?

- |  |   |
|--|---|
| <input type="checkbox"/> Potentially Significant Impact                                | <input type="checkbox"/> Less than Significant Impact |
| <input checked="" type="checkbox"/> Less Than Significant With Mitigation Incorporated | <input type="checkbox"/> No Impact                    |

Based on an analysis of the County's Geographic Information System (GIS) records, the County's Comprehensive Matrix of Sensitive Species, site photos, a site visit by Christine Stevenson on September 4, 2003, and a Biological Resources Report (Vincent Scheidt, April 2007), the site supports 14.75 acres of Diegan coastal sage scrub, 23.38 acres of granitic southern mixed chaparral, 0.46 acres of southern coast live oak riparian forest, and 0.24 acres of urban/developed land. Four sensitive plant species were observed on site: Palmer's ericameria (*Ericameria palmeri* ssp. *palmeri*), San Diego sagewort (*Artemisia palmeri*), Engelmann oak (*Quercus engelmannii*), and San Diego viguiera (*Viguiera laciniata*). Palmer's ericameria (*Ericameria palmeri* ssp. *palmeri*) is also an MSCP narrow endemic plant species. Four sensitive wildlife species were observed on site: orange-throated whiptail (*Cnemidophorus hyperythrus*), bobcat (*Lynx rufus*), mule deer (*Odocoileus hemionus*) and Bewick's wren (*Thryomanes bewickii*). Protocol Quino checkerspot butterfly surveys were performed in 2003 with negative results. The site is unlikely to support the Quino checkerspot butterfly due to the density of vegetative cover. The subdivision would directly impact 9.43 acres of Diegan coastal sage scrub and 8.38 acres of granitic southern mixed chaparral through clearing, grading and construction of four additional houses, septic fields, a private road, four driveways, and associated fire-clearing.

The project site is within a Pre-Approved Mitigation Area in the Metro-Lakeside-Jamul segment of the County Subarea Plan and is part of a wildlife linkage. County staff reviewed the past, present, and probable future projects as listed in Section XVII(b) and has determined that the cumulative loss of Diegan coastal sage scrub and granitic southern mixed chaparral may cause a significant impact on candidate, sensitive, or special status species. However, this project's contribution to the cumulative habitat loss will be less than cumulatively considerable because over half of the project site will be conserved in a dedicated open space easement and will continue to provide significant, connected and biologically-viable habitat for candidate, sensitive, or special status species.

To mitigate for loss of habitat on site and to conserve the biological integrity of the existing wildlife linkage, an onsite open space easement will be required as a condition of the permit in accordance with the Biological Mitigation Ordinance. In addition, the project will purchase 8.83 acres of offsite habitat to meet the balance of its mitigation requirements. Prior to any habitat impacts, 20.78 acres of the site will be placed within dedicated Biological Open Space, delineated with permanent fencing and signage. A Limited Building Zone Easement is required over land within 100 feet of the open space. This Limited Building Zone Easement will prevent indirect impacts to the conserved habitat from future fire-clearing caused by construction of homes adjacent to the open space. To prevent impacts to nesting birds, no brushing, clearing, and/or grading will be allowed within 300 feet of habitat during the avian breeding season.

Therefore, staff has determined that although the site supports native biological habitat, implementation of the mitigation measures described above will ensure that the project will not result in substantial adverse effects, or have a cumulatively considerable impact to species identified as a candidate, sensitive, or special status species in local or regional plans, policies, or regulations, or by the California Department of Fish and Game or U.S. Fish and Wildlife Service.

- b) Have a substantial adverse effect on any riparian habitat or other sensitive natural community identified in local or regional plans, policies, regulations or by the California Department of Fish and Game or US Fish and Wildlife Service?

- |  |   |
|--|---|
| <input type="checkbox"/> Potentially Significant Impact                                | <input type="checkbox"/> Less than Significant Impact |
| <input checked="" type="checkbox"/> Less Than Significant With Mitigation Incorporated | <input type="checkbox"/> No Impact                    |

The site contains southern coast live oak riparian forest, which will be conserved in a dedicated Biological Open Space Easement. The site also contains Diegan coastal sage scrub and granitic southern mixed chaparral which are considered sensitive natural communities within the Multiple Species Conservation Program (MSCP). As detailed in response a) above, direct, indirect and cumulative impacts to sensitive natural communities identified in the County of San Diego Resource Protection Ordinance, MSCP, Fish and Game Code, and Endangered Species Act are considered

less than significant through the implementation of on-site habitat preservation, a Limited Building Zone Easement, and offsite habitat purchase.

- c) Have a substantial adverse effect on federally protected wetlands as defined by Section 404 of the Clean Water Act (including, but not limited to, marsh, vernal pool, coastal, etc.) through direct removal, filling, hydrological interruption, or other means?

- |   |  |
|---|--|
| <input type="checkbox"/> Potentially Significant Impact                     | <input checked="" type="checkbox"/> Less than Significant Impact |
| <input type="checkbox"/> Less Than Significant With Mitigation Incorporated | <input type="checkbox"/> No Impact                               |

The proposed project site contains wetlands as defined by Section 404 of the Clean Water Act that could potentially be impacted through direct removal, filling, hydrological interruption, diversion or obstruction by the proposed development. The site contains a natural drainage vegetated with southern coast live oak riparian forest. However, the project will not impact, discharge into, directly remove, fill, or hydrologically interrupt any federally protected wetlands supported on the project site. The project proposes complete avoidance. Also, the development is setback over 100 feet to protect the wetland habitat from potential indirect impacts. Therefore, no significant impacts will occur to wetlands or waters of the U.S. that are regulated under the Army Corps of Engineers.

- d) Interfere substantially with the movement of any native resident or migratory fish or wildlife species or with established native resident or migratory wildlife corridors, or impede the use of native wildlife nursery sites?

- |  |   |
|--|---|
| <input type="checkbox"/> Potentially Significant Impact                                | <input type="checkbox"/> Less than Significant Impact |
| <input checked="" type="checkbox"/> Less Than Significant With Mitigation Incorporated | <input type="checkbox"/> No Impact                    |

The site is located at the western edge of a wildlife linkage. The site supports large mammal use, and southern mule deer and bobcat tracks and scat were observed (Vince Scheidt, April 2007). In the project area, the linkage will remain greater than 3,000 feet wide after project development. Site development will not significantly narrow the linkage width through this area. The proposed additional residential development will occur toward the western side of the land, leaving the eastern border and southeast corner undeveloped. The preserved habitat will continue to provide hiding places and movement opportunities for large mammals and birds. A dedicated Limited Building Zone Easement, permanent fencing, and permanent signs are required to reduce edge effects into the linkage. The remainder of the project's mitigation as required by the Biological Mitigation Ordinance will be met through off-site habitat purchase.

The site contains vegetation communities that could provide nursery sites for native wildlife. To prevent impacts to nesting birds, no brushing, clearing, and/or grading will be allowed within 300 feet of southern mixed chaparral and/or coastal sage scrub habitat during the avian breeding season. With the onsite habitat preservation, offsite habitat preservation, and breeding season restriction required for mitigation of direct project impacts, this project's contribution to any cumulative impact will be rendered less than cumulatively considerable and will contribute to the preservation of large, biologically viable areas that provide wildlife corridors and native wildlife nursery sites.

- e) Conflict with the provisions of any adopted Habitat Conservation Plan, Natural Communities Conservation Plan, other approved local, regional or state habitat conservation plan or any other local policies or ordinances that protect biological resources?

- |  |   |
|--|---|
| <input type="checkbox"/> Potentially Significant Impact                                | <input type="checkbox"/> Less than Significant Impact |
| <input checked="" type="checkbox"/> Less Than Significant With Mitigation Incorporated | <input type="checkbox"/> No Impact                    |

Refer to the attached Ordinance Compliance Checklist for further information on consistency with any adopted Habitat Conservation Plan, Natural Communities Conservation Plan, other approved local, regional or state habitat conservation plan, including, Habitat Management Plans (HMP) Special Area Management Plans (SAMP) or any other local policies or ordinances that protect biological resources including the Multiple Species Conservation Program (MSCP), Biological Mitigation Ordinance, Resource Protection Ordinance (RPO), Habitat Loss Permit (HLP).

**V. CULTURAL RESOURCES** -- Would the project:

- a) Cause a substantial adverse change in the significance of a historical resource as defined in 15064.5?

- |   |  |
|---|--|
| <input type="checkbox"/> Potentially Significant Impact                     | <input checked="" type="checkbox"/> Less than Significant Impact |
| <input type="checkbox"/> Less Than Significant With Mitigation Incorporated | <input type="checkbox"/> No Impact                               |

Based on an analysis of records and a survey of the property by County of San Diego approved archaeologists, Dr. Michael Baksh and Patrick McGinnis on February 11, 2003, it has been determined that there are one or more historical resources within the project site. These resources include two historic pits (one of which appears to be a cistern) approximately 10 meters apart on a ridgeline in the middle of the property (site number P-37-024864). The cistern and pit may be related to quail hunting activities. A cultural resources report titled "*Cultural Resources Survey Report for the Dotts Property, San Diego County, California*" prepared by Patrick McGinnis and Michael Baksh of Tierra Environmental Services dated February 2004 evaluated the significance of the resources based on a review of previous work in the area, and historical records including maps. Based on the results of this study, it has been determined that the

historic resource(s) are not significant pursuant to the State of California Environmental Quality Act (CEQA) Guidelines, Section 15064.5. Moreover, if the resources are not considered significant historic resources pursuant to CEQA Section 15064.5 loss of these resources cannot contribute to a potentially significant cumulative impact.

b) Cause a substantial adverse change in the significance of an archaeological resource pursuant to 15064.5?

- |   |  |
|---|--|
| <input type="checkbox"/> Potentially Significant Impact                     | <input checked="" type="checkbox"/> Less than Significant Impact |
| <input type="checkbox"/> Less Than Significant With Mitigation Incorporated | <input type="checkbox"/> No Impact                               |

The project site has been surveyed by County approved archaeologists Dr. Michael Baksh and Patrick McGinnis on February 11, 2003, and it has been determined that there is one archaeological resource present. This resource includes one prehistoric isolate, a bifacial metavolcanic flake tool, (isolate number P-37-024863). An archaeological technical study titled "*Cultural Resources Survey Report for the Dotts Property, San Diego County, California*" prepared by Patrick McGinnis and Michael Baksh of Tierra Environmental Services dated February 2004 evaluated the significance of the archaeological resource and determined that the isolated artifact is not significant pursuant to the State of California Environmental Quality Act (CEQA) Guidelines, Section 15064.5. Moreover, if the resources are not considered significant archaeological resources pursuant to CEQA Section 15064.5, loss of these resources cannot contribute to a potentially significant cumulative impact. Because of the number of archaeological sites within one mile of this project (13) and the fact that dense vegetation in some made surveying difficult, grading monitoring of all ground-disturbing activities will be required to ensure that no subsurface deposits are located within the project area.

The Native American Heritage Commission (NAHC) was contacted for a listing of Native American Tribes whose ancestral lands may be impacted by the project. A list of tribes was received from the NAHC on June 19, 2007 and letters requesting tribal consultation were sent out June 20, 2007.

c) Directly or indirectly destroy a unique paleontological resource or site or unique geologic feature?

- |   |   |
|---|---|
| <input type="checkbox"/> Potentially Significant Impact                     | <input type="checkbox"/> Less than Significant Impact |
| <input type="checkbox"/> Less Than Significant With Mitigation Incorporated | <input checked="" type="checkbox"/> No Impact         |

Unique Paleontological Resources - A review of the paleontological maps provided by the San Diego Museum of Natural History indicates that the project is located entirely on plutonic igneous rock and has no potential for producing fossil remains.

Unique Geologic Features – The site does not contain any unique geologic features that have been catalogued within the Conservation Element (Part X) of the County's General Plan (see Appendix G for a listing of unique geological features) or support any known geologic characteristics that have the potential to support unique geologic features. Additionally, based on a site visit by staff, no known unique geologic features were identified on the property or in the immediate vicinity.

- d) Disturb any human remains, including those interred outside of formal cemeteries?

- |   |   |
|---|---|
| <input type="checkbox"/> Potentially Significant Impact                     | <input type="checkbox"/> Less than Significant Impact |
| <input type="checkbox"/> Less Than Significant With Mitigation Incorporated | <input checked="" type="checkbox"/> No Impact         |

Based on an analysis of records and a survey of the property by County approved archaeologists Dr. Michael Baksh and Patrick McGinnis on February 11, 2003, it has been determined that the project will not disturb any human remains because the project site does not include a formal cemetery or is not likely to include any archaeological resources that might contain interred human remains. Results of the survey are documented in "*Cultural Resources Survey Report for the Dotts Property, San Diego County, California*" prepared by Patrick McGinnis and Michael Baksh of Tierra Environmental Services dated February 2004.

**VI. GEOLOGY AND SOILS** -- Would the project:

- a) Expose people or structures to potential substantial adverse effects, including the risk of loss, injury, or death involving:

- i. Rupture of a known earthquake fault, as delineated on the most recent Alquist-Priolo Earthquake Fault Zoning Map issued by the State Geologist for the area or based on other substantial evidence of a known fault? Refer to Division of Mines and Geology Special Publication 42.

- |   |   |
|---|---|
| <input type="checkbox"/> Potentially Significant Impact                     | <input type="checkbox"/> Less than Significant Impact |
| <input type="checkbox"/> Less Than Significant With Mitigation Incorporated | <input checked="" type="checkbox"/> No Impact         |

The project is not located in a fault rupture hazard zone identified by the Alquist-Priolo Earthquake Fault Zoning Act, Special Publication 42, Revised 1997, Fault-Rupture Hazards Zones in California, or located within any other area with substantial evidence of a known fault. Therefore, there will be no impact from the exposure of people or structures to adverse effects from a known hazard zone as a result of this project.

- ii. Strong seismic ground shaking?



- |   |   |
|---|---|
| <input type="checkbox"/> Potentially Significant Impact                     | <input type="checkbox"/> Less than Significant Impact |
| <input type="checkbox"/> Less Than Significant With Mitigation Incorporated | <input checked="" type="checkbox"/> No Impact         |

The Uniform Building Code (UBC) and the California Building Code (CBC) classifies all San Diego County with the highest seismic zone criteria, Zone 4. However, the project is not located within 5 kilometers of the centerline of a known active-fault zone as defined within the Uniform Building Code's Maps of Known Active Fault Near-Source Zones in California. In addition, the project will have to conform to the Seismic Requirements -- Chapter 16 Section 162- *Earthquake Design* as outlined within the California Building Code. Section 162 requires a soils compaction report with proposed foundation recommendations to be approved by a County Structural Engineer before the issuance of a building or grading permit. Therefore, there will be no impact from the exposure of people or structures to potential adverse effects from strong seismic ground shaking as a result of this project.

iii. Seismic-related ground failure, including liquefaction?

- |   |   |
|---|---|
| <input type="checkbox"/> Potentially Significant Impact                     | <input type="checkbox"/> Less than Significant Impact |
| <input type="checkbox"/> Less Than Significant With Mitigation Incorporated | <input checked="" type="checkbox"/> No Impact         |

The geology of the project site is identified as cretaceous plutonic fractured crystalline rock. This geologic environment is not susceptible to ground failure from seismic activity. In addition, the site is not underlain by poor artificial fill or located within a floodplain. Therefore, there will be no impact from the exposure of people to adverse effects from a known area susceptible to ground failure.

iv. Landslides?

- |   |   |
|---|---|
| <input type="checkbox"/> Potentially Significant Impact                     | <input type="checkbox"/> Less than Significant Impact |
| <input type="checkbox"/> Less Than Significant With Mitigation Incorporated | <input checked="" type="checkbox"/> No Impact         |

The site is not located within a landslide susceptibility zone.

b) Result in substantial soil erosion or the loss of topsoil?

- |   |  |
|---|--|
| <input type="checkbox"/> Potentially Significant Impact                     | <input checked="" type="checkbox"/> Less than Significant Impact |
| <input type="checkbox"/> Less Than Significant With Mitigation Incorporated | <input type="checkbox"/> No Impact                               |

According to the Soil Survey of San Diego County, the soils on-site are identified as Visalia sandy loam, 9-15% slopes (VaD); Vista coarse sandy loam, 9-15% slopes (VsD); Vista coarse sandy loam, 15-30% slopes (VsE); and, Vista coarse sandy loam, 30-65% slopes (VsG) that have a soil erodibility rating of "severe" as indicated by the Soil Survey for the San Diego Area, prepared by the US Department of Agriculture, Soil Conservation and Forest Service dated December 1973. However, the project will not result in substantial soil erosion or the loss of topsoil for the following reasons:

- The project will not result in unprotected erodible soils; will not alter existing drainage patterns; is not located in a floodplain, wetland, or significant drainage feature; and will not develop steep slopes.
- The project has prepared a Stormwater Management Plan (James Green, May 5, 2007). The plan includes Best Management Practices to ensure sediment does not erode from the project site. Construction BMPs include: silt fence, fiber rolls, street sweeping and vacuuming, storm drain inlet protection, stockpile management, solid waste management, stabilized construction entrance/exit, desilting basin, gravel bag berm, material delivery and storage, spill prevention and control, concrete waste management, water conservation practices, paving and grinding operations, and minor slope protection with plastic, tarp, and vegetative cover. Site Design BMPs include reduction of impervious area, conservation of natural areas, landscaping, shaping slopes to reduce concentrated flow, and collecting concentrated flows in stabilized drains and channels. Source control BMPs include stenciling of storm drain inlets and catch basins, use of efficient irrigation systems and landscape design, curb/swale systems and swale inlets, and driveway drains into landscaping.
- The project involves grading. However, the project is required to comply with the San Diego County Code of Regulations, Title 8, Zoning and Land Use Regulations, Division 7, Sections 87.414 (DRAINAGE - EROSION PREVENTION) and 87.417 (PLANTING). Compliance with these regulations minimizes the potential for water and wind erosion.

Due to these factors, it has been found that the project will not result in substantial soil erosion or the loss of topsoil on a project level.

In addition, the project will not contribute to a cumulatively considerable impact because all the of past, present and future projects included on the list of projects that involve grading or land disturbance are required to follow the requirements of the San Diego County Code of Regulations, Title 8, Zoning and Land Use Regulations, Division 7, Sections 87.414 (DRAINAGE - EROSION PREVENTION) and 87.417 (PLANTING); Order 2001-01 (NPDES No. CAS 0108758), adopted by the San Diego Region RWQCB on February 21, 2001; County Watershed Protection, Storm Water Management, and Discharge Control Ordinance (WPO) (Ord. No. 9424); and County Storm water Standards Manual adopted on February 20, 2002, and amended January 10, 2003 (Ordinance No. 9426). Refer to XVII. Mandatory Findings of Significance for a comprehensive list of the projects considered.

- c) Will the project produce unstable geological conditions that will result in adverse impacts resulting from landslides, lateral spreading, subsidence, liquefaction or collapse?

<input type="checkbox"/> Potentially Significant Impact	<input type="checkbox"/> Less than Significant Impact
<input type="checkbox"/> Less Than Significant With Mitigation Incorporated	<input checked="" type="checkbox"/> No Impact

The project is not located on or near geological formations that are unstable or would potentially become unstable as a result of the project. On a site visit conducted by Christine Stevenson on September 4, 2003, no geological formations or features were noted that would produce unstable geological conditions as a result of the project. For further information refer to VI Geology and Soils, Question a., i-iv listed above.

- d) Be located on expansive soil, as defined in Table 18-1-B of the Uniform Building Code (1994), creating substantial risks to life or property?

<input type="checkbox"/> Potentially Significant Impact	<input type="checkbox"/> Less than Significant Impact
<input type="checkbox"/> Less Than Significant With Mitigation Incorporated	<input checked="" type="checkbox"/> No Impact

The project does not contain expansive soils as defined by Table 18-I-B of the Uniform Building Code (1994). The soils on-site are Visalia sandy loam, 9-15% slopes (VaD); Vista coarse sandy loam, 9-15% slopes (VsD); Vista coarse sandy loam, 15-30% slopes (VsE); and, Vista coarse sandy loam, 30-65% slopes (VsG). These soils have a shrink-swell behavior of low and represent no substantial risks to life or property. Therefore, the project will not create a substantial risk to life or property. This was confirmed by staff review of the Soil Survey for the San Diego Area, prepared by the US Department of Agriculture, Soil Conservation and Forest Service dated December 1973.

- e) Have soils incapable of adequately supporting the use of septic tanks or alternative wastewater disposal systems where sewers are not available for the disposal of wastewater?

<input type="checkbox"/> Potentially Significant Impact	<input checked="" type="checkbox"/> Less than Significant Impact
<input type="checkbox"/> Less Than Significant With Mitigation Incorporated	<input type="checkbox"/> No Impact

The project proposes to discharge domestic waste to on-site wastewater systems (OSWS), also known as septic systems. The project involves four standard subsurface systems, one located on each new lot. Discharged wastewater must conform to the Regional Water Quality Control Board's (RWQCB) applicable standards, including the Regional Basin Plan and the California Water Code. California Water Code Section 13282 allows RWQCBs to authorize a local public agency to issue permits for OSWS "to ensure that systems are adequately designed, located, sized, spaced, constructed

and maintained.” The RWQCBs with jurisdiction over San Diego County have authorized the County of San Diego, Department of Environmental Health (DEH) to issue certain OSWS permits throughout the County and within the incorporated cities. DEH has reviewed the OSWS lay-out for the project pursuant to DEH, Land and Water Quality Division's, “On-site Wastewater Systems: Permitting Process and Design Criteria.” DEH approved the project's OSWS on July 5, 2007. Therefore, the project has soils capable of adequately supporting the use of septic tanks or alternative wastewater disposal systems as determined by the authorized, local public agency. In addition, the project will comply with the San Diego County Code of Regulatory Ordinances, Title 6, Div. 8, Chap. 3, Septic Tanks and Seepage Pits.

**VII. HAZARDS AND HAZARDOUS MATERIALS** -- Would the project:

- a) Create a significant hazard to the public or the environment through the routine transport, storage, use, or disposal of hazardous materials or wastes?

- |  |   |
|--|---|
| <input type="checkbox"/> Potentially Significant Impact                          | <input type="checkbox"/> Less than Significant Impact |
| <input type="checkbox"/> Potentially Significant Unless Mitigation Incorporation | <input checked="" type="checkbox"/> No Impact         |

The project will not create a significant hazard to the public or the environment because it does not propose the storage, use, transport, emission, or disposal of Hazardous Substances, nor are Hazardous Substances proposed or currently in use in the immediate vicinity.

- b) Create a significant hazard to the public or the environment through reasonably foreseeable upset and accident conditions involving the release of hazardous materials into the environment?

- |   |   |
|---|---|
| <input type="checkbox"/> Potentially Significant Impact                     | <input type="checkbox"/> Less than Significant Impact |
| <input type="checkbox"/> Less Than Significant With Mitigation Incorporated | <input checked="" type="checkbox"/> No Impact         |

The project will not contain, handle, or store any potential sources of chemicals or compounds that would present a significant risk of accidental explosion or release of hazardous substances.

- c) Emit hazardous emissions or handle hazardous or acutely hazardous materials, substances, or waste within one-quarter mile of an existing or proposed school?

- |   |   |
|---|---|
| <input type="checkbox"/> Potentially Significant Impact                     | <input type="checkbox"/> Less than Significant Impact |
| <input type="checkbox"/> Less Than Significant With Mitigation Incorporated | <input checked="" type="checkbox"/> No Impact         |

The project is not located within one-quarter mile of an existing or proposed school. Therefore, the project will not have any effect on an existing or proposed school.

- d) Be located on a site which is included on a list of hazardous materials sites compiled pursuant to Government Code Section 65962.5 and, as a result, would it create a significant hazard to the public or the environment?

- |   |   |
|---|---|
| <input type="checkbox"/> Potentially Significant Impact                     | <input type="checkbox"/> Less than Significant Impact |
| <input type="checkbox"/> Less Than Significant With Mitigation Incorporated | <input checked="" type="checkbox"/> No Impact         |

The project is not located on a site listed in the State of California Hazardous Waste and Substances sites list compiled pursuant to Government Code Section 65962.5.

- e) For a project located within an airport land use plan or, where such a plan has not been adopted, within two miles of a public airport or public use airport, would the project result in a safety hazard for people residing or working in the project area?

- |   |   |
|---|---|
| <input type="checkbox"/> Potentially Significant Impact                     | <input type="checkbox"/> Less than Significant Impact |
| <input type="checkbox"/> Less Than Significant With Mitigation Incorporated | <input checked="" type="checkbox"/> No Impact         |

The proposed project is not located within a Comprehensive Land Use Plan (CLUP) for airports; or within two miles of a public airport. Also, the project does not propose construction of any structure equal to or greater than 150 feet in height, constituting a safety hazard to aircraft and/or operations from an airport or heliport. Therefore, the project will not constitute a safety hazard for people residing or working in the project area.

- f) For a project within the vicinity of a private airstrip, would the project result in a safety hazard for people residing or working in the project area?

- |   |   |
|---|---|
| <input type="checkbox"/> Potentially Significant Impact                     | <input type="checkbox"/> Less than Significant Impact |
| <input type="checkbox"/> Less Than Significant With Mitigation Incorporated | <input checked="" type="checkbox"/> No Impact         |

The proposed project is not within one mile of a private airstrip. As a result, the project will not constitute a safety hazard for people residing or working in the project area.

- g) Impair implementation of or physically interfere with an adopted emergency response plan or emergency evacuation plan?

- |   |  |
|---|--|
| <input type="checkbox"/> Potentially Significant Impact                     | <input checked="" type="checkbox"/> Less than Significant Impact |
| <input type="checkbox"/> Less Than Significant With Mitigation Incorporated | <input type="checkbox"/> No Impact                               |

The following sections summarize the project's consistency with applicable emergency response plans or emergency evacuation plans.

i. OPERATIONAL AREA EMERGENCY PLAN:

**Less Than Significant Impact:** The Operational Area Emergency Plan is a framework document that provides direction to local jurisdictions to develop specific operational area of San Diego County. It provides guidance for emergency planning and requires subsequent plans to be established by each jurisdiction that has responsibilities in a disaster situation. The project will not interfere with this plan because it will not prohibit subsequent plans from being established.

ii. SAN DIEGO COUNTY NUCLEAR POWER STATION EMERGENCY RESPONSE PLAN

**No Impact:** The San Diego County Nuclear Power Station Emergency Response Plan will not be interfered with by the project due to the location of the project, plant and the specific requirements of the plan. The emergency plan for the San Onofre Nuclear Generating Station includes an emergency planning zone within a 10-mile radius. All land area within 10 miles of the plant is not within the jurisdiction of the unincorporated County and as such a project in the unincorporated area is not expected to interfere with any response or evacuation.

iii. OIL SPILL CONTINGENCY ELEMENT

**No Impact:** The Oil Spill Contingency Element will not be interfered with because the project is not located along the coastal zone or coastline.

iv. EMERGENCY WATER CONTINGENCIES ANNEX AND ENERGY SHORTAGE RESPONSE PLAN

**No Impact:** The Emergency Water Contingencies Annex and Energy Shortage Response Plan will not be interfered with because the project does not propose altering major water or energy supply infrastructure, such as the California Aqueduct.

v. DAM EVACUATION PLAN

**No Impact:** The Dam Evacuation Plan will not be interfered with because the project is located outside a dam inundation zone.

h) Expose people or structures to a significant risk of loss, injury or death involving wildland fires, including where wildlands are adjacent to urbanized areas or where residences are intermixed with wildlands?

- |   |  |
|---|--|
| <input type="checkbox"/> Potentially Significant Impact                     | <input checked="" type="checkbox"/> Less than Significant Impact |
| <input type="checkbox"/> Less Than Significant With Mitigation Incorporated | <input type="checkbox"/> No Impact                               |

The proposed project is adjacent to wildlands that have the potential to support wildland fires. However, the project will not expose people or structures to a significant risk of loss, injury or death involving wildland fires because the project will comply with the regulations relating to emergency access, water supply, and defensible space specified in the Consolidated Fire Code for the 17 Fire Protection Districts in San Diego County and Appendix II-A, as adopted and amended by the local fire protection district. Implementation of these fire safety standards will occur during the Tentative Map, Tentative Parcel Map, or building permit process. Also, a Fire Service Availability Letter and conditions dated May 11, 2007, have been received from the San Diego Rural Fire Protection District. The conditions from the District include: construction of roads, a 100-foot hazard reduction zone around all structures, and a 10-foot fuel reduction zone on both sides of any road or driveway. The Fire Service Availability Letter indicates the expected emergency travel time to the project site to be 5+ minutes. The Maximum Travel Time allowed pursuant to the County Public Facilities Element is 20 minutes. The project has developed a Fire Protection Plan (Stan Dotts, May 3, 2007) that details the required 100-foot defensible space and vegetation zones, ignition resistant building construction requirements, access road requirements, water supply and fire flow requirements. Therefore, based on the review of the project by County staff, through compliance with the Consolidated Fire Code and Appendix II-A and through compliance with the San Diego Rural Fire Protection District's conditions, it is not anticipated that the project will expose people or structures to a significant risk of loss, injury or death involving hazardous wildland fires. Moreover, the project will not contribute to a cumulatively considerable impact, because all past, present and future projects in the surrounding area must comply with the Consolidated Fire Code and Appendix II-A.

- i) Propose a use, or place residents adjacent to an existing or reasonably foreseeable use that would substantially increase current or future resident's exposure to vectors, including mosquitoes, rats or flies, which are capable of transmitting significant public health diseases or nuisances?

- |   |   |
|---|---|
| <input type="checkbox"/> Potentially Significant Impact                     | <input type="checkbox"/> Less than Significant Impact |
| <input type="checkbox"/> Less Than Significant With Mitigation Incorporated | <input checked="" type="checkbox"/> No Impact         |

The project does not involve or support uses that allow water to stand for a period of 72 hours (3 days) or more (e.g. artificial lakes, agricultural irrigation ponds). Also, the project does not involve or support uses that will produce or collect animal waste, such as equestrian facilities, agricultural operations (chicken coops, dairies etc.), solid waste facility or other similar uses. Moreover, based on a site visit conducted by Christine Stevenson on September 4, 2003, there are none of these uses on adjacent properties.

Therefore, the project will not substantially increase current or future resident's exposure to vectors, including mosquitoes, rats or flies.

**VIII. HYDROLOGY AND WATER QUALITY** -- Would the project:

a) Violate any waste discharge requirements?

- |   |  |
|---|--|
| <input type="checkbox"/> Potentially Significant Impact                     | <input checked="" type="checkbox"/> Less than Significant Impact |
| <input type="checkbox"/> Less Than Significant With Mitigation Incorporated | <input type="checkbox"/> No Impact                               |

The project proposes construction of four new residences, a private road, and four driveways which requires compliance with the San Diego County Watershed Protection, Storm Water Management, and Discharge Control Ordinance (WPO) (Ord. No. 9424). The project applicant has provided a copy of a Stormwater Management Plan (James Green, May 5, 2007) which demonstrates that the project will comply with all requirements of the WPO. The project site proposes and will be required to implement site design measures, source control BMPs and treatment control BMPs to reduce potential pollutants to the maximum extent practicable from entering storm water runoff. These measures as detailed in response VI.b. above will enable the project to meet waste discharge requirements as required by the Land-Use Planning for New Development and Redevelopment Component of the San Diego Municipal Permit (SDRWQCB Order No. 2001-01), as implemented by the San Diego County Jurisdictional Urban Runoff Management Program (JURMP) and Standard Urban Storm Water Mitigation Plan (SUSMP).

Finally, the project's conformance to the waste discharge requirements listed above ensures the project will not create cumulatively considerable water quality impacts related to waste discharge because, through the permit, the project will conform to Countywide watershed standards in the JURMP and SUSMP, derived from State regulation to address human health and water quality concerns. Therefore, the project will not contribute to a cumulatively considerable impact to water quality from waste discharges.

b) Is the project tributary to an already impaired water body, as listed on the Clean Water Act Section 303(d) list? If so, could the project result in an increase in any pollutant for which the water body is already impaired?

- |   |  |
|---|--|
| <input type="checkbox"/> Potentially Significant Impact                     | <input checked="" type="checkbox"/> Less than Significant Impact |
| <input type="checkbox"/> Less Than Significant With Mitigation Incorporated | <input type="checkbox"/> No Impact                               |

The project lies in the Los Monos Hydrologic Subarea within the Sweetwater hydrologic unit. According to the Clean Water Act Section 303(d) list, July 2003, although portions of the San Diego Bay are impaired for coliform bacteria, no portion of the Sweetwater



River, which is tributary to the Bay, is impaired. Constituents of concern in the Sweetwater River watershed include coliform bacteria and trace metals.

The project proposes the following activities that are associated with these pollutants: construction of four residential dwellings, installation and irrigation of landscaping, and waste from domestic animals. However, site design measures source control BMPs, and treatment control BMPs as detailed in response VI.(b) will be employed such that potential pollutants will be reduced in any runoff to the maximum extent practicable so as not to increase the level of these pollutants in receiving waters.

The proposed BMPs are consistent with regional surface water and storm water planning and permitting process that has been established to improve the overall water quality in County watersheds. As a result the project will not contribute to a cumulative impact to an already impaired water body, as listed on the Clean Water Act Section 303(d). Regional surface water and storm water permitting regulation for County of San Diego, Incorporated Cities of San Diego County, and San Diego Unified Port District includes the following: Order 2001-01 (NPDES No. CAS 0108758), adopted by the San Diego Region RWQCB on February 21, 2001; County Watershed Protection, Storm Water Management, and Discharge Control Ordinance (WPO) (Ord. No. 9424); County Storm water Standards Manual adopted on February 20, 2002, and amended January 10, 2003 (Ordinance No. 9426). The stated purposes of these ordinances are to protect the health, safety and general welfare of the County of San Diego residents; to protect water resources and to improve water quality; to cause the use of management practices by the County and its citizens that will reduce the adverse effects of polluted runoff discharges on waters of the state; to secure benefits from the use of storm water as a resource; and to ensure the County is compliant with applicable state and federal laws. Ordinance No. 9424 (WPO) has discharge prohibitions, and requirements that vary depending on type of land use activity and location in the County. Ordinance No. 9426 is Appendix A of Ordinance No. 9424 (WPO) and sets out in more detail, by project category, what Dischargers must do to comply with the Ordinance and to receive permits for projects and activities that are subject to the Ordinance. Collectively, these regulations establish standards for projects to follow which intend to improve water quality from headwaters to the deltas of each watershed in the County. Each project subject to WPO is required to prepare a Storm water Management Plan that details a project's pollutant discharge contribution to a given watershed and propose BMPs or design measures to mitigate any impacts that may occur in the watershed.

- c) Could the proposed project cause or contribute to an exceedance of applicable surface or groundwater receiving water quality objectives or degradation of beneficial uses?

- |   |  |
|---|--|
| <input type="checkbox"/> Potentially Significant Impact                     | <input checked="" type="checkbox"/> Less than Significant Impact |
| <input type="checkbox"/> Less Than Significant With Mitigation Incorporated | <input type="checkbox"/> No Impact                               |

The Regional Water Quality Control Board has designated water quality objectives for waters of the San Diego Region as outlined in Chapter 3 of the Water Quality Control Plan (Plan). The water quality objectives are necessary to protect the existing and potential beneficial uses of each hydrologic unit as described in Chapter 2 of the Plan.

The project lies in the Los Monos Hydrologic Subarea within the Sweetwater hydrologic unit that has the following existing and potential beneficial uses for inland surface waters, coastal waters, reservoirs and lakes, and ground water: municipal and domestic supply; agricultural supply; industrial process supply, industrial service supply; contact water recreation; non-contact water recreation; warm freshwater habitat; cold freshwater habitat; wildlife habitat; preservation of biological habitats of special significance; and rare, threatened, or endangered species habitat.

The project proposes the following potential sources of polluted runoff: construction activities, vehicle parking areas, residential landscaping, and domestic animal keeping. However, site design measures, source control BMPs, and treatment control BMPs as detailed in response VI.b. above will be employed to reduce potential pollutants in runoff to the maximum extent practicable, such that the proposed project will not cause or contribute to an exceedance of applicable surface or groundwater receiving water quality objectives or degradation of beneficial uses.

In addition, the proposed BMPs are consistent with regional surface water, storm water and groundwater planning and permitting process that has been established to improve the overall water quality in County watersheds. As a result, the project will not contribute to a cumulatively considerable exceedance of applicable surface or groundwater receiving water quality objectives or degradation of beneficial uses. Refer to Section VIII., Hydrology and Water Quality, Question b, for more information on regional surface water and storm water planning and permitting process.

- d) Substantially deplete groundwater supplies or interfere substantially with groundwater recharge such that there would be a net deficit in aquifer volume or a lowering of the local groundwater table level (e.g., the production rate of pre-existing nearby wells would drop to a level which would not support existing land uses or planned uses for which permits have been granted)?

- |   |  |
|---|--|
| <input type="checkbox"/> Potentially Significant Impact                     | <input checked="" type="checkbox"/> Less than Significant Impact |
| <input type="checkbox"/> Less Than Significant With Mitigation Incorporated | <input type="checkbox"/> No Impact                               |

The project will obtain water from on-site groundwater wells. In accordance with Residential Well Tests conducted by Earth Tech (January 2004 and August 2006), adequate groundwater resources are available to serve the future homes without interfering substantially with the production rate of nearby wells. The acreage of each proposed lot is of sufficient size to ensure a sustainable long-term groundwater supply. Therefore, the project will have sufficient water supplies available to serve the project.

- e) Substantially alter the existing drainage pattern of the site or area, including through the alteration of the course of a stream or river, in a manner which would result in substantial erosion or siltation on- or off-site?

<input type="checkbox"/> Potentially Significant Impact	<input checked="" type="checkbox"/> Less than Significant Impact
<input type="checkbox"/> Less Than Significant With Mitigation Incorporated	<input type="checkbox"/> No Impact

The project proposes Residential Subdivision. As outlined in the Storm water Management Plan (SWMP) received May 8, 2007 and prepared by Walsh Engineering & Surveying Inc., the project will implement site design measures, source control, and/or treatment control BMPs to reduce potential pollutants, including sediment from erosion or siltation, to the maximum extent practicable from entering storm water runoff: These measures will control erosion and sedimentation and satisfy waste discharge requirements as required by the Land-Use Planning for New Development and Redevelopment Component of the San Diego Municipal Permit (SDRWQCB Order No. 2001-01), as implemented by the San Diego County Jurisdictional Urban Runoff Management Program (JURMP) and Standard Urban Storm Water Mitigation Plan (SUSMP). The SWMP specifies and describes the implementation process for all BMPs that will address equipment operation and materials management, prevent the erosion process from occurring, and prevent sedimentation in any onsite and downstream drainage swales. The Department of Public Works will ensure that the Plan is implemented as proposed. Due to these factors, it has been found that the project will not result in significantly increased erosion or sedimentation potential and will not alter any drainage patterns of the site or area on- or off-site. In addition, because erosion and sedimentation will be controlled within the boundaries of the project, the project will not contribute to a cumulatively considerable impact. For further information on soil erosion refer to VI, Geology and Soils, Question b.

- f) Substantially alter the existing drainage pattern of the site or area, including through the alteration of the course of a stream or river, or substantially increase the rate or amount of surface runoff in a manner which would result in flooding on- or off-site?

<input type="checkbox"/> Potentially Significant Impact	<input checked="" type="checkbox"/> Less than Significant Impact
<input type="checkbox"/> Less Than Significant With Mitigation Incorporated	<input type="checkbox"/> No Impact

The proposed project will not significantly alter established drainage patterns or significantly increase the amount of runoff for the following reasons, based on a Drainage Study, and Addendums No. 1 and No.2 prepared by Walsh Engineering & Surveying Inc., received December 18, 2003, August 9, 2006 and May 8, 2007, respectively:

Drainage will be designed to flow to either natural drainage channels or approved drainage facilities.

Therefore, the project will not substantially alter the existing drainage pattern of the site or area, including through the alteration of the course of a stream or river, or substantially increase the rate or amount of surface runoff in a manner which would result in flooding on- or off-site. Moreover, the project will not contribute to a cumulatively considerable alteration or a drainage pattern or increase in the rate or amount of runoff, because the project will not substantially increase water surface elevation or runoff exiting the site, as detailed above.

g) Create or contribute runoff water which would exceed the capacity of existing or planned storm water drainage systems?

- |   |  |
|---|--|
| <input type="checkbox"/> Potentially Significant Impact                     | <input checked="" type="checkbox"/> Less than Significant Impact |
| <input type="checkbox"/> Less Than Significant With Mitigation Incorporated | <input type="checkbox"/> No Impact                               |

The project does not propose to create or contribute runoff water that would exceed the capacity of existing or planned storm water drainage systems. Based on the Drainage Study and Addendums No. 1 and No.2, prepared by Walsh Engineering & Surveying Inc., received December 18, 2003, August 9, 2006 and May 8, 2007, the storm water runoff can be adequately transported on-site and off-site by an existing 36 inches CMP culvert under Dehesa Road and the proposed brow ditches.

h) Provide substantial additional sources of polluted runoff?

- |   |  |
|---|--|
| <input type="checkbox"/> Potentially Significant Impact                     | <input checked="" type="checkbox"/> Less than Significant Impact |
| <input type="checkbox"/> Less Than Significant With Mitigation Incorporated | <input type="checkbox"/> No Impact                               |

The project proposes the following potential sources of polluted runoff: roads, driveways, construction activities, and residential landscaping. However, site design measures, source control BMPs, and treatment control BMPs will be employed such that potential pollutants will be reduced in runoff to the maximum extent practicable. Refer to VIII Hydrology and Water Quality Questions a, b, c, for further information.

i) Place housing within a 100-year flood hazard area as mapped on a federal Flood Hazard Boundary or Flood Insurance Rate Map or other flood hazard delineation map, including County Floodplain Maps?

- |   |  |
|---|--|
| <input type="checkbox"/> Potentially Significant Impact                     | <input checked="" type="checkbox"/> Less than Significant Impact |
| <input type="checkbox"/> Less Than Significant With Mitigation Incorporated | <input type="checkbox"/> No Impact                               |

Drainage swales, which are mapped on a FEMA floodplain map, a County Floodplain Map or have a watershed greater than 25 acres were identified on the project site and off-site improvement locations. However, the project is not proposing to place structures with a potential for human occupation within these areas and will not place access roads or other improvements which will limit access during flood events or affect downstream properties into these areas.

- j) Place within a 100-year flood hazard area structures which would impede or redirect flood flows?

<input type="checkbox"/> Potentially Significant Impact	<input checked="" type="checkbox"/> Less than Significant Impact
<input type="checkbox"/> Less Than Significant With Mitigation Incorporated	<input type="checkbox"/> No Impact

The project site contains drainage swales, which are identified as being 100-year flood hazard areas. However, the project is not proposing to place structures, access roads or other improvements which will impede or redirect flood flows in these areas.

- k) Expose people or structures to a significant risk of loss, injury or death involving flooding, including flooding as a result of the failure of a levee or dam?

<input type="checkbox"/> Potentially Significant Impact	<input type="checkbox"/> Less than Significant Impact
<input type="checkbox"/> Less Than Significant With Mitigation Incorporated	<input checked="" type="checkbox"/> No Impact

The project site lies outside any identified special flood hazard area including a mapped dam inundation area for a major dam/reservoir within San Diego County. In addition, the project is not located immediately downstream of a minor dam that could potentially flood the property. Therefore, the project will not expose people to a significant risk of loss, injury or death involving flooding.

- l) Inundation by seiche, tsunami, or mudflow?

<input type="checkbox"/> Potentially Significant Impact	<input type="checkbox"/> Less than Significant Impact
<input type="checkbox"/> Less Than Significant With Mitigation Incorporated	<input checked="" type="checkbox"/> No Impact

**No Impact:** The project site is not located along the shoreline of a lake or reservoir; therefore, could not be inundated by a seiche.

ii. TSUNAMI

**No Impact:** The project site is located more than a mile from the coast; therefore, in the event of a tsunami, would not be inundated.

iii. MUDFLOW

**No Impact:** Mudflow is type of landslide. The site is not located within a landslide susceptibility zone. In addition, though the project does propose land disturbance that will expose unprotected soils, the project is not located downstream from unprotected, exposed soils within a landslide susceptibility zone. Therefore, it is not anticipated that the project will expose people or property to inundation due to a mudflow.

**IX. LAND USE AND PLANNING** -- Would the project:

a) Physically divide an established community?

- |   |   |
|---|---|
| <input type="checkbox"/> Potentially Significant Impact                     | <input type="checkbox"/> Less than Significant Impact |
| <input type="checkbox"/> Less Than Significant With Mitigation Incorporated | <input checked="" type="checkbox"/> No Impact         |

The project does not propose the introducing new infrastructure such major roadways or water supply systems, or utilities to the area. Therefore, the proposed project will not significantly disrupt or divide the established community.

b) Conflict with any applicable land use plan, policy, or regulation of an agency with jurisdiction over the project (including, but not limited to the general plan, specific plan, local coastal program, or zoning ordinance) adopted for the purpose of avoiding or mitigating an environmental effect?

- |   |  |
|---|--|
| <input type="checkbox"/> Potentially Significant Impact                     | <input checked="" type="checkbox"/> Less than Significant Impact |
| <input type="checkbox"/> Less Than Significant With Mitigation Incorporated | <input type="checkbox"/> No Impact                               |

The proposed project is subject to the Regional Land Use Element Policies 1.3 (Estate Development Area) and 1.6 (Environmentally Constrained Area) and General Plan Land Use Designations (17) Estate Residential and (24) Impact Sensitive. For (17) Estate Residential, the General Plan requires a minimum gross parcel size of two acres if the average slope does not exceed 25% and four acres if the average slope exceeds 25%, and not more than 0.5 and 0.25 dwelling unit per acre, respectively. The proposed project has four lots ranging in gross lot sizes from 5.40 to 19.34 acres and a density of 0.105 dwelling unit per gross acre, which is consistent with the General Plan. The project is subject to the policies of the Crest/Dehesa/Harbison Canyon/Granite Hills Subregional Plan. The proposed project is consistent with the policies of the Crest/Dehesa/Harbison Canyon/Granite Hills Subregional Plan in that it proposes single family residential development which is self-contained and self-sufficient. The current zone is A72 Use Regulation, which requires a net minimum lot size of 2 acres in most of the site, and 4 acres in the northeast corner. The proposed project is consistent with the Zoning Ordinance requirements for minimum lot size because no lot is smaller than 4 acres net.

**X. MINERAL RESOURCES** -- Would the project:

- a) Result in the loss of availability of a known mineral resource that would be of value to the region and the residents of the state?

<input type="checkbox"/> Potentially Significant Impact	<input checked="" type="checkbox"/> Less than Significant Impact
<input type="checkbox"/> Less Than Significant With Mitigation Incorporated	<input type="checkbox"/> No Impact

Although the project site has been classified by the California Department of Conservation – Division of Mines and Geology (Update of Mineral Land Classification: Aggregate Materials in the Western San Diego Production-Consumption Region, 1997) as an area of undetermined mineral resources MRZ-3, the site is not located within an alluvial river valley or underlain by coastal marine/non-marine granular deposits. Therefore, no potentially significant loss of availability of a known mineral resource of value to the region and the residents of the state will occur as a result of this project. Moreover, if the resources are not considered significant mineral deposits, loss of these resources cannot contribute to a potentially significant cumulative impact.

- b) Result in the loss of availability of a locally-important mineral resource recovery site delineated on a local general plan, specific plan or other land use plan?

<input type="checkbox"/> Potentially Significant Impact	<input type="checkbox"/> Less than Significant Impact
<input type="checkbox"/> Less Than Significant With Mitigation Incorporated	<input checked="" type="checkbox"/> No Impact

The project site is zoned A72, which is not considered to be an Extractive Use Zone (S82) nor does it have an Impact Sensitive Land Use Designation (24) with an Extractive Land Use Overlay (25) (County Land Use Element, 2000).

**XI. NOISE** -- Would the project result in:

- a) Exposure of persons to or generation of noise levels in excess of standards established in the local general plan or noise ordinance, or applicable standards of other agencies?

<input type="checkbox"/> Potentially Significant Impact	<input checked="" type="checkbox"/> Less than Significant Impact
<input type="checkbox"/> Less Than Significant With Mitigation Incorporated	<input type="checkbox"/> No Impact

The project is a residential subdivision and will be occupied by residents. Based on a site visit completed by Christine Stevenson on September 4, 2003, the surrounding area supports rural residential uses and is occupied by residents. The project will not expose people to potentially significant noise levels that exceed the allowable limits of the County of San Diego General Plan, County of San Diego Noise Ordinance, and other applicable standards for the following reasons:

#### General Plan – Noise Element

The County of San Diego General Plan, Noise Element, Policy 4b addresses noise sensitive areas and requires an acoustical study to be prepared for any use that may expose noise sensitive areas to noise in excess of a Community Noise Equivalent Level (CNEL) of 60 decibels (dBA). Moreover, if the project is excess of CNEL 60 dB(A), modifications must be made to the project to reduce noise levels. Noise sensitive areas include residences, hospitals, schools, libraries or similar facilities where quiet is an important attribute. Project implementation is not expected to expose existing or planned noise sensitive areas to road, airport, heliport, railroad, industrial or other noise in excess of the CNEL 60 dB(A). This is based on staff's review of projected County noise contour maps (CNEL 60 dB(A) contours). Therefore, the project will not expose people to potentially significant noise levels that exceed the allowable limits of the County of San Diego General Plan, Noise Element.

#### Noise Ordinance – Section 36-404

Non-transportation noise generated by the project is not expected to exceed the standards of the County of San Diego Noise Ordinance (Section 36-404) at or beyond the project's property line. The site and adjacent properties are zoned A72 that has a one-hour average sound limit of 45 dBA. Based on review by staff, the project's noise levels are not anticipated to impact adjoining properties or exceed County Noise Standards, which is 45 dBA, because the project does not involve any noise producing equipment that would exceed applicable noise levels at the adjoining property line.

#### Noise Ordinance – Section 36-410

The project will not generate construction noise that may exceed the standards of the County of San Diego Noise Ordinance (Section 36-410). Construction operations will occur only during permitted hours of operation pursuant to Section 36-410. Also, It is not anticipated that the project will operate construction equipment in excess of an average sound level of 75 dB between the hours of 7 AM and 7 PM.

Finally, the project's conformance to the County of San Diego General Plan (Noise Element, Policy 4b and County of San Diego Noise Ordinance (Section 36-404 and 36.410) ensures the project will not create cumulatively considerable noise impacts, because the project will not exceed the local noise standards for noise sensitive areas; and the project will not exceed the applicable noise level limits at the property line or construction noise limits, derived from State regulation to address human health and quality of life concerns. Therefore, the project will not contribute to a cumulatively considerable exposure of persons or generation of noise levels in excess of standards established in the local general plan, noise ordinance, and applicable standards of other agencies.

- b) Exposure of persons to or generation of excessive groundborne vibration or groundborne noise levels?



- |   |  |
|---|--|
| <input type="checkbox"/> Potentially Significant Impact                     | <input checked="" type="checkbox"/> Less than Significant Impact |
| <input type="checkbox"/> Less Than Significant With Mitigation Incorporated | <input type="checkbox"/> No Impact                               |

The project proposes single-family residences where low ambient vibration is essential for interior operation and/or sleeping conditions. However, the facilities are setback 200 feet from any public road or transit Right-of-Way with projected noise contours of 65 dB or more; any property line for parcels zoned industrial or extractive use; or any permitted extractive uses. A setback of 200 feet ensures that the operations do not have any chance of being impacted by groundborne vibration or groundborne noise levels (Harris, Miller Miller and Hanson Inc., *Transit Noise and Vibration Impact Assessment* 1995). In addition, the setback ensures that the project will not be affected by any past, present or future projects that may support sources of groundborne vibration or groundborne noise.

Also, the project does not propose any major, new or expanded infrastructure such as mass transit, highways or major roadways or intensive extractive industry that could generate excessive groundborne vibration or groundborne noise levels and impact vibration sensitive uses in the surrounding area.

Therefore, the project will not expose persons to or generate excessive groundborne vibration or groundborne noise levels on a project or cumulative level.

- c) A substantial permanent increase in ambient noise levels in the project vicinity above levels existing without the project?

- |   |  |
|---|--|
| <input type="checkbox"/> Potentially Significant Impact                     | <input checked="" type="checkbox"/> Less than Significant Impact |
| <input type="checkbox"/> Less Than Significant With Mitigation Incorporated | <input type="checkbox"/> No Impact                               |

The project involves the following permanent noise sources that may increase the ambient noise level: four new single-family residences. As indicated in the response listed under Section XI Noise, Question a., the project would not expose existing or planned noise sensitive areas in the vicinity to a substantial permanent increase in noise levels that exceed the allowable limits of the County of San Diego General Plan, County of San Diego Noise Ordinance, and other applicable local, State, and Federal noise control. Also, the project is not expected to expose existing or planned noise sensitive areas to noise 10 dB CNEL over existing ambient noise levels based on review of the project by County staff. Studies completed by the Organization of Industry Standards (ISO 362; ISO 1996 1-3; ISO 3095; and ISO 3740-3747) state an increase of 10 dB is perceived as twice as loud and is perceived as a significant increase in the ambient noise level.

The project will not result in cumulatively noise impacts because a list of past, present and future projects within in the vicinity were evaluated. It was determined that the project in combination with a list of past, present and future project would not expose existing or planned noise sensitive areas to noise 10 dB CNEL over existing ambient noise levels. Refer to XVII. Mandatory Findings of Significance for a comprehensive list of the projects considered.

- d) A substantial temporary or periodic increase in ambient noise levels in the project vicinity above levels existing without the project?

- |   |  |
|---|--|
| <input type="checkbox"/> Potentially Significant Impact                     | <input checked="" type="checkbox"/> Less than Significant Impact |
| <input type="checkbox"/> Less Than Significant With Mitigation Incorporated | <input type="checkbox"/> No Impact                               |

The project does not involve any uses that may create substantial temporary or periodic increases in ambient noise levels in the project vicinity including but not limited to extractive industry; outdoor commercial or industrial uses that involve crushing, cutting, drilling, grinding, or blasting of raw materials; truck depots, transfer stations or delivery areas; or outdoor sound systems.

Also, general construction noise is not expected to exceed the construction noise limits of the County of San Diego Noise Ordinance (Section 36-410), which are derived from State regulations to address human health and quality of life concerns. Construction operations will occur only during permitted hours of operation pursuant to Section 36-410. Also, it is not anticipated that the project will operate construction equipment in excess of 75 dB for more than an 8 hours during a 24-hour period. Therefore, the project would not result in a substantial temporary or periodic increase in existing ambient noise levels in the project vicinity.

- e) For a project located within an airport land use plan or, where such a plan has not been adopted, within two miles of a public airport or public use airport, would the project expose people residing or working in the project area to excessive noise levels?

- |   |   |
|---|---|
| <input type="checkbox"/> Potentially Significant Impact                     | <input type="checkbox"/> Less than Significant Impact |
| <input type="checkbox"/> Less Than Significant With Mitigation Incorporated | <input checked="" type="checkbox"/> No Impact         |

The proposed project is not located within a Comprehensive Land Use Plan (CLUP) for airports or within 2 miles of a public airport or public use airport. Therefore, the project will not expose people residing or working in the project area to excessive airport-related noise levels.

- f) For a project within the vicinity of a private airstrip, would the project expose people residing or working in the project area to excessive noise levels?

- |   |   |
|---|---|
| <input type="checkbox"/> Potentially Significant Impact                     | <input type="checkbox"/> Less than Significant Impact |
| <input type="checkbox"/> Less Than Significant With Mitigation Incorporated | <input checked="" type="checkbox"/> No Impact         |

The proposed project is not located within a one-mile vicinity of a private airstrip; therefore, the project will not expose people residing or working in the project area to excessive airport-related noise levels.

**XII. POPULATION AND HOUSING** -- Would the project:

- a) Induce substantial population growth in an area, either directly (for example, by proposing new homes and businesses) or indirectly (for example, through extension of roads or other infrastructure)?

- |   |   |
|---|---|
| <input type="checkbox"/> Potentially Significant Impact                     | <input type="checkbox"/> Less than Significant Impact |
| <input type="checkbox"/> Less Than Significant With Mitigation Incorporated | <input checked="" type="checkbox"/> No Impact         |

A portion of the project site is not within the San Diego Rural Fire Protection District. Annexation of the remaining portion of the site into CFD 04-1 will be required to implement the project. However, the proposed project will not induce substantial population growth in an area because the project does not propose any physical or regulatory change that would remove a restriction to or encourage population growth in an area including, but limited to the following: new or extended infrastructure or public facilities; new commercial or industrial facilities; large-scale residential development; accelerated conversion of homes to commercial or multi-family use; or regulatory changes including General Plan amendments, specific plan amendments, zone reclassifications, or sewer or water annexations.

- b) Displace substantial numbers of existing housing, necessitating the construction of replacement housing elsewhere?

- |   |   |
|---|---|
| <input type="checkbox"/> Potentially Significant Impact                     | <input type="checkbox"/> Less than Significant Impact |
| <input type="checkbox"/> Less Than Significant With Mitigation Incorporated | <input checked="" type="checkbox"/> No Impact         |

The proposed project will not displace any existing housing since the site is currently vacant.

- c) Displace substantial numbers of people, necessitating the construction of replacement housing elsewhere?

- |   |   |
|---|---|
| <input type="checkbox"/> Potentially Significant Impact                     | <input type="checkbox"/> Less than Significant Impact |
| <input type="checkbox"/> Less Than Significant With Mitigation Incorporated | <input checked="" type="checkbox"/> No Impact         |

The proposed project will not displace a substantial number of people since the site is currently vacant.

### **XIII. PUBLIC SERVICES**

- a) Would the project result in substantial adverse physical impacts associated with the provision of new or physically altered governmental facilities, need for new or physically altered governmental facilities, the construction of which could cause significant environmental impacts, in order to maintain acceptable service ratios, response times or other performance service ratios, response times or other performance objectives for any of the public services:

- i. Fire protection?
- ii. Police protection?
- iii. Schools?
- iv. Parks?
- v. Other public facilities?

- |   |   |
|---|---|
| <input type="checkbox"/> Potentially Significant Impact                     | <input type="checkbox"/> Less than Significant Impact |
| <input type="checkbox"/> Less Than Significant With Mitigation Incorporated | <input checked="" type="checkbox"/> No Impact         |

Based on the service availability forms received for the project, the proposed project will not result in the need for significantly altered services or facilities. Service availability forms have been provided which indicate existing services are available to the project from the following agencies/districts: San Diego Rural Fire Protection District, Grossmont Union High School District, and Dehesa School District. The project does not involve the construction of new or physically altered governmental facilities including but not limited to fire protection facilities, sheriff facilities, schools, or parks in order to maintain acceptable service ratios, response times or other performance service ratios or objectives for any public services. Therefore, the project will not have an adverse physical effect on the environment because the project does not require new or significantly altered services or facilities to be constructed.

### **XIV. RECREATION**

- a) Would the project increase the use of existing neighborhood and regional parks or other recreational facilities such that substantial physical deterioration of the facility would occur or be accelerated?

- |   |  |
|---|--|
| <input type="checkbox"/> Potentially Significant Impact                     | <input checked="" type="checkbox"/> Less than Significant Impact |
| <input type="checkbox"/> Less Than Significant With Mitigation Incorporated | <input type="checkbox"/> No Impact                               |

The project involves a residential subdivision that will increase the use of existing neighborhood and regional parks or other recreational facilities. To avoid substantial physical deterioration of local recreation facilities the project will be required to pay fees or dedicate land for local parks to the County pursuant to the Park Land Dedication Ordinance (PLDO). The Park Land Dedication Ordinance (PLDO) is the mechanism that enables the funding or dedication of local parkland in the County. The PLDO establishes several methods by which developers may satisfy their park requirements. Options include the payment of park fees, the dedication of a public park, the provision of private recreational facilities, or a combination of these methods. PLDO funds must be used for the acquisition, planning, and development of local parkland and recreation facilities. Local parks are intended to serve the recreational needs of the communities in which they are located. The proposed project will pay park fees. Therefore, the project meets the requirements set forth by the PLDO for adequate parkland dedication and thereby reducing impacts, including cumulative impacts to local recreational facilities. The project will not result in significant cumulative impacts, because all past, present and future residential projects are required to comply with the requirements of PLDO. Refer to XVII. Mandatory Findings of Significance for a comprehensive list of the projects considered.

With regard to regional recreational facilities, there are over 21,765 acres of regional parkland owned by the County, which exceeds the General Plan standard of 15 acres per 1,000 population. In addition, there are over one million acres of publicly owned land in San Diego County dedicated to parks or open space including Federal lands, State Parks, special districts, and regional river parks. Due to the extensive acreage of existing publicly owned lands that can be used for recreation, the project will not result in substantial physical deterioration of regional recreational facilities or accelerate the deterioration of regional parkland. Moreover, the project will not result in a cumulatively considerable deterioration or accelerated deterioration of regional recreation facilities because even with all past, present and future residential projects a significant amount of regional recreational facilities will be available to County residents.

- b) Does the project include recreational facilities or require the construction or expansion of recreational facilities, which might have an adverse physical effect on the environment?

- |   |   |
|---|---|
| <input type="checkbox"/> Potentially Significant Impact                     | <input type="checkbox"/> Less than Significant Impact |
| <input type="checkbox"/> Less Than Significant With Mitigation Incorporated | <input checked="" type="checkbox"/> No Impact         |

The project does not include recreational facilities or require the construction or expansion of recreational facilities. Therefore, the construction or expansion of recreational facilities cannot have an adverse physical effect on the environment.

**XV. TRANSPORTATION/TRAFFIC** -- Would the project:

- a) Cause an increase in traffic which is substantial in relation to the existing traffic load and capacity of the street system (i.e., result in a substantial increase in either the number of vehicle trips, the volume to capacity ratio on roads, or congestion at intersections)?

<input type="checkbox"/> Potentially Significant Impact	<input checked="" type="checkbox"/> Less than Significant Impact
<input type="checkbox"/> Less Than Significant With Mitigation Incorporated	<input type="checkbox"/> No Impact

The proposed project will result in an additional 48 ADT. The project was reviewed by the County Department of Public Works and was determined not to result in a substantial increase in the number of vehicle trips, volume of capacity ratio on roads, or congestion at intersections in relation to existing conditions for the following reasons: The adjacent roads are operating at a level of service "C" or better. Therefore, the project will not have a significant direct project impact on traffic volume, which is considered substantial in relation to existing traffic load and capacity of the street system.

- b) Exceed, either individually or cumulatively, a level of service standard established by the County congestion management agency and/or as identified by the County of San Diego Transportation Impact Fee Program for designated roads or highways?

<input type="checkbox"/> Potentially Significant Impact	<input type="checkbox"/> Less than Significant Impact
<input checked="" type="checkbox"/> Less Than Significant With Mitigation Incorporated	<input type="checkbox"/> No Impact

The County of San Diego has developed an overall programmatic solution that addresses existing and projected future road deficiencies in the unincorporated portion of San Diego County. This program includes the adoption of a Transportation Impact Fee (TIF) program to fund improvements to roadways necessary to mitigate potential cumulative impacts caused by traffic from future development. Based on SANDAG regional growth and land use forecasts, the SANDAG Regional Transportation Model was utilized to analyze projected build-out (year 2030) development conditions on the existing circulation element roadway network throughout the unincorporated area of the County. Based on the results of the traffic modeling, funding necessary to construct transportation facilities that will mitigate cumulative impacts from new development was identified. Existing roadway deficiencies will be corrected through improvement projects funded by other public funding sources, such as TransNet, gas tax, and grants. Potential cumulative impacts to the region's freeways have been addressed in

SANDAG's Regional Transportation Plan (RTP). This plan, which considers freeway buildout over the next 30 years, will use funds from TransNet, state, and federal funding to improve freeways to projected level of service objectives in the RTP.

The proposed project generates 48 ADT. These trips will be distributed on circulation element roadways in the County that were analyzed by the TIF program, some of which currently or are projected to operate at inadequate levels of service. These project trips therefore contribute to a potential significant cumulative impact and mitigation is required. The potential growth represented by this project was included in the growth projections upon which the TIF program is based. Therefore, payment of the TIF, which will be required at issuance of building permits, in combination with other components of the program described above, will mitigate potential cumulative traffic impacts to less than significant.

- c) Result in a change in air traffic patterns, including either an increase in traffic levels or a change in location that results in substantial safety risks?

<input type="checkbox"/> Potentially Significant Impact	<input type="checkbox"/> Less than Significant Impact
<input type="checkbox"/> Less Than Significant With Mitigation Incorporated	<input checked="" type="checkbox"/> No Impact

The proposed project is located outside of an Airport Master Plan Zone and is not adjacent to any public or private airports; therefore, the project will not result in a change in air traffic patterns.

- d) Substantially increase hazards due to a design feature (e.g., sharp curves or dangerous intersections) or incompatible uses (e.g., farm equipment)?

<input type="checkbox"/> Potentially Significant Impact	<input checked="" type="checkbox"/> Less than Significant Impact
<input type="checkbox"/> Less Than Significant With Mitigation Incorporated	<input type="checkbox"/> No Impact

The proposed project will not significantly alter traffic safety on Dehesa Road. The developer must provide evidence that there is a minimum unobstructed sight distance in both directions along Dehesa Road from project access road, for the prevailing operating speed of traffic on Dehesa Road, to the satisfaction of the Director of the Department of Public Works. All road improvements will be constructed according to the County of San Diego Public and Private Road Standards. Roads used to access the proposed project site are up to County standards. The proposed project will not place incompatible uses (e.g., farm equipment) on existing roadways. Therefore, the proposed project will not significantly increase hazards due to design features or incompatible uses.

- e) Result in inadequate emergency access?

- |   |   |
|---|---|
| <input type="checkbox"/> Potentially Significant Impact                     | <input type="checkbox"/> Less than Significant Impact |
| <input type="checkbox"/> Less Than Significant With Mitigation Incorporated | <input checked="" type="checkbox"/> No Impact         |

The proposed project will not result in inadequate emergency access. The San Diego Rural Fire Protection District has reviewed the proposed project and has determined that there is adequate emergency fire access. Additionally, roads used to access the proposed project site are up to County standards.

f) Result in inadequate parking capacity?

- |   |  |
|---|--|
| <input type="checkbox"/> Potentially Significant Impact                     | <input checked="" type="checkbox"/> Less than Significant Impact |
| <input type="checkbox"/> Less Than Significant With Mitigation Incorporated | <input type="checkbox"/> No Impact                               |

The Zoning Ordinance Section 6758 Parking Schedule requires two on-site parking spaces for each dwelling unit. The proposed lots have sufficient area to provide at least two on-site parking spaces consistent with the Zoning Ordinance.

g) Conflict with adopted policies, plans, or programs supporting alternative transportation (e.g., bus turnouts, bicycle racks)?

- |   |  |
|---|--|
| <input type="checkbox"/> Potentially Significant Impact                     | <input checked="" type="checkbox"/> Less than Significant Impact |
| <input type="checkbox"/> Less Than Significant With Mitigation Incorporated | <input type="checkbox"/> No Impact                               |

The project does not propose any hazards or barriers for pedestrians or bicyclists. Any required improvements will be constructed to maintain existing conditions as it relates to pedestrians and bicyclists.

**XVI. UTILITIES AND SERVICE SYSTEMS** -- Would the project:

a) Exceed wastewater treatment requirements of the applicable Regional Water Quality Control Board?

- |   |  |
|---|--|
| <input type="checkbox"/> Potentially Significant Impact                     | <input checked="" type="checkbox"/> Less than Significant Impact |
| <input type="checkbox"/> Less Than Significant With Mitigation Incorporated | <input type="checkbox"/> No Impact                               |

The project proposes to discharge domestic waste to on-site wastewater systems (OSWS), also known as septic systems. The project involves four standard subsurface systems, one per each new lot. Discharged wastewater must conform to the Regional Water Quality Control Board's (RWQCB) applicable standards, including the Regional Basin Plan and the California Water Code. California Water Code Section 13282 allows RWQCBs to authorize a local public agency to issue permits for OSWS "to ensure that



systems are adequately designed, located, sized, spaced, constructed and maintained.” The RWQCBs with jurisdiction over San Diego County have authorized the County of San Diego, Department of Environmental Health (DEH) to issue certain OSWS permits throughout the County and within the incorporated cities. DEH has reviewed the OSWS lay-out for the project pursuant to DEH, Land and Water Quality Division’s, “On-site Wastewater Systems: Permitting Process and Design Criteria.” DEH approved the project’s OSWS on July 5, 2007. Therefore, the project is consistent with the wastewater treatment requirements of the RWQCB as determined by the authorized, local public agency.

- b) Require or result in the construction of new water or wastewater treatment facilities or expansion of existing facilities, the construction of which could cause significant environmental effects?

<input type="checkbox"/> Potentially Significant Impact	<input type="checkbox"/> Less than Significant Impact
<input type="checkbox"/> Less Than Significant With Mitigation Incorporated	<input checked="" type="checkbox"/> No Impact

The project does not include new or expanded water or wastewater treatment facilities. In addition, the project does not require the construction or expansion of water or wastewater treatment facilities. Therefore, the project will not require any construction of new or expanded facilities, which could cause significant environmental effects.

- c) Require or result in the construction of new storm water drainage facilities or expansion of existing facilities, the construction of which could cause significant environmental effects?

<input type="checkbox"/> Potentially Significant Impact	<input checked="" type="checkbox"/> Less than Significant Impact
<input type="checkbox"/> Less Than Significant With Mitigation Incorporated	<input type="checkbox"/> No Impact

The project involves stormwater Best Management Practices (BMPs). The new facilities include stabilized drains and channels, storm drain inlets and catch basins, curb/swale systems, and swale inlets. Refer to the Storm water Management Plan (James Green, May 5, 2007) for more information. However, as outlined in this Environmental Analysis Form Section I-XVII, the new facilities will not result in adverse physical effect on the environment. Specifically, refer to Sections IV and V for more information.

- d) Have sufficient water supplies available to serve the project from existing entitlements and resources, or are new or expanded entitlements needed?

<input type="checkbox"/> Potentially Significant Impact	<input checked="" type="checkbox"/> Less than Significant Impact
<input type="checkbox"/> Less Than Significant With Mitigation Incorporated	<input type="checkbox"/> No Impact

The project will obtain water from on-site groundwater wells. In accordance with Residential Well Tests conducted by Earth Tech (January 2004 and August 2006), adequate groundwater resources are available to serve the future homes. The acreage of each proposed lot is of sufficient size to ensure a sustainable long-term groundwater supply. Therefore, the project will have sufficient water supplies available to serve the project.

- e) Result in a determination by the wastewater treatment provider, which serves or may serve the project that it has adequate capacity to serve the project's projected demand in addition to the provider's existing commitments?

- |   |   |
|---|---|
| <input type="checkbox"/> Potentially Significant Impact                     | <input type="checkbox"/> Less than Significant Impact |
| <input type="checkbox"/> Less Than Significant With Mitigation Incorporated | <input checked="" type="checkbox"/> No Impact         |

The proposed project will rely completely on an on-site wastewater system (septic system); therefore, the project will not interfere with any wastewater treatment provider's service capacity.

- f) Be served by a landfill with sufficient permitted capacity to accommodate the project's solid waste disposal needs?

- |   |  |
|---|--|
| <input type="checkbox"/> Potentially Significant Impact                     | <input checked="" type="checkbox"/> Less than Significant Impact |
| <input type="checkbox"/> Less Than Significant With Mitigation Incorporated | <input type="checkbox"/> No Impact                               |

Implementation of the project will generate solid waste. All solid waste facilities, including landfills require solid waste facility permits to operate. In San Diego County, the County Department of Environmental Health, Local Enforcement Agency issues solid waste facility permits with concurrence from the California Integrated Waste Management Board (CIWMB) under the authority of the Public Resources Code (Sections 44001-44018) and California Code of Regulations Title 27, Division 2, Subdivision 1, Chapter 4 (Section 21440 et seq.). There are five, permitted active landfills in San Diego County with remaining capacity. Therefore, there is sufficient existing permitted solid waste capacity to accommodate the project's solid waste disposal needs.

- g) Comply with federal, state, and local statutes and regulations related to solid waste?

- |   |  |
|---|--|
| <input type="checkbox"/> Potentially Significant Impact                     | <input checked="" type="checkbox"/> Less than Significant Impact |
| <input type="checkbox"/> Less Than Significant With Mitigation Incorporated | <input type="checkbox"/> No Impact                               |

Implementation of the project will generate solid waste. All solid waste facilities, including landfills require solid waste facility permits to operate. In San Diego County, the County Department of Environmental Health, Local Enforcement Agency issues solid waste facility permits with concurrence from the California Integrated Waste Management Board (CIWMB) under the authority of the Public Resources Code (Sections 44001-44018) and California Code of Regulations Title 27, Division 2, Subdivision 1, Chapter 4 (Section 21440 et seq.). The project will deposit all solid waste at a permitted solid waste facility and therefore, will comply with Federal, State, and local statutes and regulations related to solid waste.

**XVII. MANDATORY FINDINGS OF SIGNIFICANCE:**

- a) Does the project have the potential to degrade the quality of the environment, substantially reduce the habitat of a fish or wildlife species, cause a fish or wildlife population to drop below self-sustaining levels, threaten to eliminate a plant or animal community, substantially reduce the number or restrict the range of a rare or endangered plant or animal or eliminate important examples of the major periods of California history or prehistory?

- |  |   |
|--|---|
| <input type="checkbox"/> Potentially Significant Impact                                | <input type="checkbox"/> Less than Significant Impact |
| <input checked="" type="checkbox"/> Less Than Significant With Mitigation Incorporated | <input type="checkbox"/> No Impact                    |

Per the instructions for evaluating environmental impacts in this Initial Study, the potential to degrade the quality of the environment, substantially reduce the habitat of a fish or wildlife species, cause a fish or wildlife population to drop below self-sustaining levels, threaten to eliminate a plant or animal community, reduce the number or restrict the range of a rare or endangered plant or animal or eliminate important examples of the major periods of California history or prehistory were considered in the response to each question in sections IV and V of this form. In addition to project specific impacts, this evaluation considered the projects potential for significant cumulative effects. Resources that have been evaluated as significant would be potentially impacted by the project, particularly Biology and Transportation/Traffic. However, mitigation has been included that clearly reduces these effects to a level below significance. This mitigation includes dedication of an open space easement and Limited Building Zone Easement, installation of open space fencing and signage, avoidance of grading/clearing during the bird breeding season, and payment of the Transportation Impact Fee (TIF). As a result of this evaluation, there is no substantial evidence that, after mitigation, significant effects associated with this project would result. Therefore, this project has been determined not to meet this Mandatory Finding of Significance.

- b) Does the project have impacts that are individually limited, but cumulatively considerable? ("Cumulatively considerable" means that the incremental effects of a project are considerable when viewed in connection with the effects of past projects, the effects of other current projects, and the effects of probable future projects)?

- ☐ Potentially Significant Impact      ☐ Less than Significant Impact  
☒ Less Than Significant With Mitigation Incorporated      ☐ No Impact

The following list of past, present and future projects were considered and evaluated as a part of this Initial Study:

TYPE	NUMBER	STATUS	PROJECT NAME
ADMINISTRATIVE PERMIT	02-060	APPROVED	MAXWELL
ADMINISTRATIVE PERMIT	03-011	APPROVED	OAKLAND GARAGE
ADMINISTRATIVE PERMIT	04-049	APPROVED	JASON HARRIS OVERSIZED GARAGE
ADMINISTRATIVE PERMIT	05-050	APPROVED	JOHNSON RESIDENCE
ADMINISTRATIVE PERMIT	06-047	OPEN	DOTTS TENTATIVE MAP
ADMINISTRATIVE PERMIT	94-033	DONE	
ADMINISTRATIVE PERMIT	98-035	APPROVED	WHEELINGTON GARAGE
ADMINISTRATIVE PERMIT	99-029	APPROVED	EHLY ADDITIONAL DWELLING
ADMINISTRATIVE PERMIT	99-055	DONE	Cornelius
ADMINISTRATIVE PERMIT - MOD / DEVIATION	00-057-01	APPROVED	OVERSIZE ACCESSORY STRUCTURES (AD)
MAJOR USE PERMIT	02-015	APPROVED	LEMON GROVE CLUB
MAJOR USE PERMIT	03-122	APPROVED	SYCAUN FIRE STATION / SPRINT
MAJOR USE PERMIT	04-031	APPROVED	CROW'S NEST CELL SITE
MAJOR USE PERMIT	04-054	APPROVED	NEXTEL ALPINE ROAD STATION MUP
MAJOR USE PERMIT	95-019	APPROVED	SKY MESA ESTATES B/C AN D MD
MAJOR USE PERMIT - MOD / DEVIATION	65-054-03	OPEN	UNIFIED BUDDHIST CHURCH
MAJOR USE PERMIT - MOD / DEVIATION	95-019-04	APPROVED	P65-054 W1
MINOR USE PERMIT	00-111	APPROVED	HANNA GUEST HOUSE
MINOR USE PERMIT	01-087	APPROVED	DAVIS 2ND DWELLING
MINOR USE PERMIT	02-047	DONE	TELECOMMUNICATIONS SITE
MINOR USE PERMIT	02-085	DONE	TELECOMMUNICATIONS SITE
MINOR USE PERMIT	04-014	APPROVED	TELECOMMUNICATIONS SITE
MINOR USE PERMIT - MOD / DEVIATION	79-146-03	OPEN	COPP SECOND DWELLING
SITE PLAN	00-033	APPROVED	ALPING HTS RESERVOIR CELL SITE
SITE PLAN	02-018	APPROVED	LARRY BLAIR
SITE PLAN	07-043	OPEN	WEITZEL RESIDENCE
TENTATIVE MAP	5063	APPROVED 2003	SAN DIEGO RURAL FIRE STATION #76, STP
TENTATIVE MAP	5143	APPROVED 2003	ALPINE RANCH ESTATES WEST II
TENTATIVE MAP	5160	APPROVED 2001	AFTON ESTATES
TENTATIVE MAP	5210	OPEN	RANCHO JUDITH - TM 5160
TENTATIVE MAP	5259	APPROVED 2003	PETERSON TM
TENTATIVE MAP	5262	APPROVED 2007	CHRISTENSEN
TENTATIVE MAP	5300	OPEN	AUGUST
			DOTTS TENTATIVE MAP

TYPE	NUMBER	STATUS	PROJECT NAME
TENTATIVE PARCEL MAP	20342	APPROVED 1999	ROGER MILLER TPM
TENTATIVE PARCEL MAP	20422	APPROVED 2002	KNIFFING - TPM 20422
TENTATIVE PARCEL MAP	20657	APPROVED 2003	SIGNORELLI, FRANK
TENTATIVE PARCEL MAP	20700	APPROVED 2004	COLLINS
TENTATIVE PARCEL MAP	20716	OPEN	KEMERKO TPM
TENTATIVE PARCEL MAP	20731	APPROVED 2007	SCHAICH
TENTATIVE PARCEL MAP	20743	APPROVED 2006	CROCKER
TENTATIVE PARCEL MAP	20815	OPEN	WAITLEY SUBDIVISION
TENTATIVE PARCEL MAP	20843	OPEN	ALBERS TPM 2 LOTS
TENTATIVE PARCEL MAP	21008	OPEN	WALLS, TPM, 4 LOTS +
TENTATIVE PARCEL MAP	21054	OPEN	SHOREES, TPM, 4 LOT

Per the instructions for evaluating environmental impacts in this Initial Study, the potential for adverse cumulative effects were considered in the response to each question in sections I through XVI of this form. In addition to project specific impacts, this evaluation considered the projects potential for incremental effects that are cumulatively considerable. As a result of this evaluation, there were determined to be potentially significant cumulative effects related to Biology and Transportation/Traffic. However, mitigation has been included that clearly reduces these cumulative effects to a level below significance. This mitigation includes an open space easement and Limited Building Zone Easement, installation of open space fencing and signage, avoidance of grading/clearing during the bird breeding season, and payment of the Transportation Impact Fee (TIF). As a result of this evaluation, there is no substantial evidence that, after mitigation, there are cumulative effects associated with this project. Therefore, this project has been determined not to meet this Mandatory Finding of Significance.

- c) Does the project have environmental effects, which will cause substantial adverse effects on human beings, either directly or indirectly?

- |  |   |
|--|---|
| <input type="checkbox"/> Potentially Significant Impact                                | <input type="checkbox"/> Less than Significant Impact |
| <input checked="" type="checkbox"/> Less Than Significant With Mitigation Incorporated | <input type="checkbox"/> No Impact                    |

In the evaluation of environmental impacts in this Initial Study, the potential for adverse direct or indirect impacts to human beings were considered in the response to certain questions in sections I. Aesthetics, III. Air Quality, VI. Geology and Soils, VII. Hazards and Hazardous Materials, VIII Hydrology and Water Quality XI. Noise, XII. Population and Housing, and XV. Transportation and Traffic. As a result of this evaluation, there were determined to be potentially significant effects to human beings related to the following Transportation and Traffic. However, mitigation has been included that clearly reduces these effects to a level below significance. This mitigation includes payment of the Transportation Impact Fee (TIF). As a result of this evaluation, there is no substantial evidence that, after mitigation, there are adverse effects to human beings associated with this project. Therefore, this project has been determined not to meet this Mandatory Finding of Significance.

## **XVIII. REFERENCES USED IN THE COMPLETION OF THE INITIAL STUDY CHECKLIST**

All references to Federal, State and local regulation are available on the Internet. For Federal regulation refer to <http://www4.law.cornell.edu/uscode/>. For State regulation refer to [www.leginfo.ca.gov](http://www.leginfo.ca.gov). For County regulation refer to [www.amlegal.com](http://www.amlegal.com). All other references are available upon request.

Cultural Resources Survey Report for the Dotts Property, San Diego County, California. Patrick McGinnis and Michael Baksh, Tierra Environmental Services. February 2004

Biological Resources Report for the Dotts Subdivision TM5300. Vincent Scheidt, April 2007.

Storm Water Management Plan for Priority Projects. James Green, May 8, 2007.

Fire Protection Plan. Stan Dotts, May 3, 2007.

CEQA Preliminary Drainage Study for Dotts Subdivision. James Green, May 7, 2007.

### **AESTHETICS**

California Street and Highways Code [California Street and Highways Code, Section 260-283.  
(<http://www.leginfo.ca.gov>)

California Scenic Highway Program, California Streets and Highways Code, Section 260-283.  
(<http://www.dot.ca.gov/hq/LandArch/scenic/scpr.htm>)

County of San Diego, Department of Planning and Land Use. The Zoning Ordinance of San Diego County. Sections 5200-5299; 5700-5799; 5900-5910, 6322-6326.  
([www.co.san-diego.ca.us](http://www.co.san-diego.ca.us))

County of San Diego, Board Policy I-73: Hillside Development Policy. ([www.co.san-diego.ca.us](http://www.co.san-diego.ca.us))

County of San Diego, Board Policy I-104: Policy and Procedures for Preparation of Community Design Guidelines, Section 396.10 of the County Administrative Code and Section 5750 et seq. of the County Zoning Ordinance. ([www.co.san-diego.ca.us](http://www.co.san-diego.ca.us))

County of San Diego, General Plan, Scenic Highway Element VI and Scenic Highway Program. ([ceres.ca.gov](http://ceres.ca.gov))

County of San Diego Light Pollution Code, Title 5, Division 9 (Sections 59.101-59.115 of the County Code of Regulatory Ordinances) as added by Ordinance No 6900, effective January 18, 1985, and amended July 17, 1986 by Ordinance No. 7155. ([www.amlegal.com](http://www.amlegal.com))

County of San Diego Wireless Communications Ordinance [San Diego County Code of Regulatory Ordinances.  
([www.amlegal.com](http://www.amlegal.com))

Design Review Guidelines for the Communities of San Diego County. (Alpine, Bonsall, Fallbrook, Julian, Lakeside, Ramona, Spring Valley, Sweetwater, Valley Center).

Federal Communications Commission, Telecommunications Act of 1996 [Telecommunications Act of 1996, Pub. LA. No. 104-104, 110 Stat. 56 (1996).  
(<http://www.fcc.gov/Reports/tcom1996.txt>)

Institution of Lighting Engineers, Guidance Notes for the Reduction of Light Pollution, Warwickshire, UK, 2000  
(<http://www.dark-skies.org/ile-gd-e.htm>)

International Light Inc., Light Measurement Handbook, 1997.  
([www.intl-light.com](http://www.intl-light.com))

Rensselaer Polytechnic Institute, Lighting Research Center, National Lighting Product Information Program (NLPPI), Lighting Answers, Volume 7, Issue 2, March 2003.  
([www.lrc.rpi.edu](http://www.lrc.rpi.edu))

US Census Bureau, Census 2000, Urbanized Area Outline Map, San Diego, CA.  
(<http://www.census.gov/geo/www/maps/ua2kmaps.htm>)

US Department of the Interior, Bureau of Land Management (BLM) modified Visual Management System.  
([www.blm.gov](http://www.blm.gov))

US Department of Transportation, Federal Highway Administration (FHWA) Visual Impact Assessment for Highway Projects.

US Department of Transportation, National Highway System Act of 1995 [Title III, Section 304. Design Criteria for the National Highway System.  
(<http://www.fhwa.dot.gov/legregs/nhsdatoc.html>)

### **AGRICULTURE RESOURCES**

California Department of Conservation, Farmland Mapping and Monitoring Program, "A Guide to the Farmland Mapping and Monitoring Program," November 1994.  
([www.consrv.ca.gov](http://www.consrv.ca.gov))

California Department of Conservation, Office of Land Conversion, "California Agricultural Land Evaluation and Site Assessment Model Instruction Manual," 1997.  
([www.consrv.ca.gov](http://www.consrv.ca.gov))

California Farmland Conservancy Program, 1996.  
([www.consrv.ca.gov](http://www.consrv.ca.gov))

California Land Conservation (Williamson) Act, 1965.  
([www.ceres.ca.gov](http://www.ceres.ca.gov), [www.consrv.ca.gov](http://www.consrv.ca.gov))

California Right to Farm Act, as amended 1996.  
([www.qp.gov.bc.ca](http://www.qp.gov.bc.ca))

County of San Diego Agricultural Enterprises and Consumer Information Ordinance, 1994, Title 6, Division 3, Ch. 4. Sections 63.401-63.408. ([www.amlegal.com](http://www.amlegal.com))

County of San Diego, Department of Agriculture, Weights and Measures, "2002 Crop Statistics and Annual Report," 2002. ([www.sdcounty.ca.gov](http://www.sdcounty.ca.gov))

United States Department of Agriculture, Natural Resource Conservation Service LESA System.  
([www.nrcs.usda.gov](http://www.nrcs.usda.gov), [www.swcs.org](http://www.swcs.org))

United States Department of Agriculture, Soil Survey for the San Diego Area, California. 1973. ([soils.usda.gov](http://soils.usda.gov))

#### AIR QUALITY

CEQA Air Quality Analysis Guidance Handbook, South Coast Air Quality Management District, Revised November 1993. ([www.aqmd.gov](http://www.aqmd.gov))

County of San Diego Air Pollution Control District's Rules and Regulations, updated August 2003. ([www.co.san-diego.ca.us](http://www.co.san-diego.ca.us))

Federal Clean Air Act US Code; Title 42; Chapter 85 Subchapter 1. ([www4.law.cornell.edu](http://www4.law.cornell.edu))

#### BIOLOGY

California Department of Fish and Game (CDFG). Southern California Coastal Sage Scrub Natural Community Conservation Planning Process Guidelines. CDFG and California Resources Agency, Sacramento, California. 1993. ([www.dfg.ca.gov](http://www.dfg.ca.gov))

County of San Diego, An Ordinance Amending the San Diego County Code to Establish a Process for Issuance of the Coastal Sage Scrub Habitat Loss Permits and Declaring the Urgency Thereof to Take Effect Immediately, Ordinance No. 8365. 1994, Title 8, Div 6, Ch. 1. Sections 86.101-86.105, 87.202.2. ([www.amlegal.com](http://www.amlegal.com))

County of San Diego, Biological Mitigation Ordinance, Ord. Nos. 8845, 9246, 1998 (new series). ([www.co.san-diego.ca.us](http://www.co.san-diego.ca.us))

County of San Diego, Implementing Agreement by and between United States Fish and Wildlife Service, California Department of Fish and Game and County of San Diego. County of San Diego, Multiple Species Conservation Program, 1998.

County of San Diego, Multiple Species Conservation Program, County of San Diego Subarea Plan, 1997.

Holland, R.R. Preliminary Descriptions of the Terrestrial Natural Communities of California. State of California, Resources Agency, Department of Fish and Game, Sacramento, California, 1986.

Memorandum of Understanding [Agreement Between United States Fish and Wildlife Service (USFWS), California Department of Fish and Game (CDFG), California Department of Forestry and Fire Protection (CDF), San Diego County Fire Chief's Association and the Fire District's Association of San Diego County.

Stanislaus Audubon Society, Inc. v County of Stanislaus (5<sup>th</sup> Dist. 1995) 33 Cal.App.4<sup>th</sup> 144, 155-159 [39 Cal. Rptr.2d 54]. ([www.ceres.ca.gov](http://www.ceres.ca.gov))

U.S. Army Corps of Engineers Environmental Laboratory. Corps of Engineers Wetlands Delineation Manual. U.S. Army Corps of Engineers, Wetlands Research Program Technical Report Y-87-1. 1987. (<http://www.wes.army.mil/>)

U.S. Environmental Protection Agency. America's wetlands: our vital link between land and water. Office of Water, Office of Wetlands, Oceans and Watersheds. EPA843-K-95-001. 1995b. ([www.epa.gov](http://www.epa.gov))

U.S. Fish and Wildlife Service and National Marine Fisheries Service. Habitat Conservation Planning Handbook. Department of Interior, Washington, D.C. 1996. ([endangered.fws.gov](http://endangered.fws.gov))

U.S. Fish and Wildlife Service and National Marine Fisheries Service. Consultation Handbook: Procedures for Conducting Consultation and Conference Activities Under Section 7 of the Endangered Species Act. Department of Interior, Washington, D.C. 1998. ([endangered.fws.gov](http://endangered.fws.gov))

U.S. Fish and Wildlife Service. Environmental Assessment and Land Protection Plan for the Vernal Pools Stewardship Project. Portland, Oregon. 1997.

U.S. Fish and Wildlife Service. Vernal Pools of Southern California Recovery Plan. U.S. Department of Interior, Fish and Wildlife Service, Region One, Portland, Oregon, 1998. ([ecos.fws.gov](http://ecos.fws.gov))

U.S. Fish and Wildlife Service. Birds of conservation concern 2002. Division of Migratory. 2002. ([migratorybirds.fws.gov](http://migratorybirds.fws.gov))

#### CULTURAL RESOURCES

California Health & Safety Code. §18950-18961, State Historic Building Code. ([www.leginfo.ca.gov](http://www.leginfo.ca.gov))

California Health & Safety Code. §5020-5029, Historical Resources. ([www.leginfo.ca.gov](http://www.leginfo.ca.gov))

California Health & Safety Code. §7050.5, Human Remains. ([www.leginfo.ca.gov](http://www.leginfo.ca.gov))

California Native American Graves Protection and Repatriation Act, (AB 978), 2001. ([www.leginfo.ca.gov](http://www.leginfo.ca.gov))

California Public Resources Code §5024.1, Register of Historical Resources. ([www.leginfo.ca.gov](http://www.leginfo.ca.gov))

California Public Resources Code. §5031-5033, State Landmarks. ([www.leginfo.ca.gov](http://www.leginfo.ca.gov))

California Public Resources Code. §5097-5097.6, Archaeological, Paleontological, and Historic Sites. ([www.leginfo.ca.gov](http://www.leginfo.ca.gov))

California Public Resources Code. §5097.9-5097.991, Native American Heritage. ([www.leginfo.ca.gov](http://www.leginfo.ca.gov))

City of San Diego. Paleontological Guidelines. (revised) August 1998.

County of San Diego, Local Register of Historical Resources (Ordinance 9493), 2002. ([www.co.san-diego.ca.us](http://www.co.san-diego.ca.us))

Demere, Thomas A., and Stephen L. Walsh. Paleontological Resources San Diego County. Department of Paleontology, San Diego Natural History Museum. 1994.

Moore, Ellen J. Fossil Mollusks of San Diego County. San Diego Society of Natural history. Occasional; Paper 15. 1968.

U.S. Code including: American Antiquities Act (16 USC §431-433) 1906. Historic Sites, Buildings, and Antiquities Act (16 USC §461-467), 1935. Reservoir Salvage Act (16 USC §469-469c) 1960. Department of Transportation Act (49 USC §303) 1966. National Historic Preservation Act (16 USC §470 et seq.) 1966. National Environmental Policy Act (42 USC §4321) 1969. Coastal Zone Management Act (16 USC §1451) 1972. National Marine Sanctuaries Act (16 USC §1431) 1972. Archaeological and Historical Preservation Act (16 USC §469-469c) 1974. Federal Land Policy and Management Act (43 USC §35) 1976. American Indian Religious Freedom Act (42 USC §1996 and 1996a) 1978. Archaeological Resources Protection Act (16 USC §470aa-mm) 1979. Native American Graves Protection and Repatriation Act (25 USC §3001-3013) 1990. Intermodal Surface Transportation Efficiency Act (23 USC §101, 109) 1991.

American Battlefield Protection Act (16 USC 469k) 1996.  
([www4.law.cornell.edu](http://www4.law.cornell.edu))

#### GEOLOGY & SOILS

California Department of Conservation, Division of Mines and Geology, California Alquist-Priolo Earthquake Fault Zoning Act, Special Publication 42, Revised 1997.  
([www.consrv.ca.gov](http://www.consrv.ca.gov))

California Department of Conservation, Division of Mines and Geology, Fault-Rupture Hazard Zones in California, Special Publication 42, revised 1997.  
([www.consrv.ca.gov](http://www.consrv.ca.gov))

California Department of Conservation, Division of Mines and Geology, Special Publication 117, Guidelines for Evaluating and Mitigating Seismic Hazards in California, 1997. ([www.consrv.ca.gov](http://www.consrv.ca.gov))

County of San Diego Code of Regulatory Ordinances Title 6, Division 8, Chapter 3, Septic Ranks and Seepage Pits.  
([www.amlegal.com](http://www.amlegal.com))

County of San Diego Department of Environmental Health, Land and Water Quality Division, February 2002. On-site Wastewater Systems (Septic Systems): Permitting Process and Design Criteria. ([www.sdcountry.ca.gov](http://www.sdcountry.ca.gov))

County of San Diego Natural Resource Inventory, Section 3, Geology.

United States Department of Agriculture, Soil Survey for the San Diego Area, California. 1973. ([soils.usda.gov](http://soils.usda.gov))

#### HAZARDS & HAZARDOUS MATERIALS

American Planning Association, Zoning News, "Saving Homes from Wildfires: Regulating the Home Ignition Zone," May 2001.

California Building Code (CBC), Seismic Requirements, Chapter 16 Section 162. ([www.buildersbook.com](http://www.buildersbook.com))

California Education Code, Section 17215 and 81033.  
([www.leginfo.ca.gov](http://www.leginfo.ca.gov))

California Government Code. § 8585-8589, Emergency Services Act. ([www.leginfo.ca.gov](http://www.leginfo.ca.gov))

California Hazardous Waste and Substances Site List. April 1998. ([www.dtsc.ca.gov](http://www.dtsc.ca.gov))

California Health & Safety Code Chapter 6.95 and §25117 and §25316. ([www.leginfo.ca.gov](http://www.leginfo.ca.gov))

California Health & Safety Code § 2000-2067.  
([www.leginfo.ca.gov](http://www.leginfo.ca.gov))

California Health & Safety Code. §17922.2. Hazardous Buildings. ([www.leginfo.ca.gov](http://www.leginfo.ca.gov))

California Public Utilities Code, SDCRAA. Public Utilities Code, Division 17, Sections 170000-170084.  
([www.leginfo.ca.gov](http://www.leginfo.ca.gov))

California Resources Agency, "OES Dam Failure Inundation Mapping and Emergency Procedures Program", 1996.  
([ceres.ca.gov](http://ceres.ca.gov))

County of San Diego, Consolidated Fire Code Health and Safety Code §13869.7, including Ordinances of the 17 Fire Protection Districts as Ratified by the San Diego County Board of Supervisors, First Edition, October 17, 2001 and Amendments to the Fire Code portion of the State Building Standards Code, 1998 Edition.

County of San Diego, Department of Environmental Health Community Health Division Vector Surveillance and Control. Annual Report for Calendar Year 2002. March 2003. ([www.sdcountry.ca.gov](http://www.sdcountry.ca.gov))

County of San Diego, Department of Environmental Health, Hazardous Materials Division. California Accidental Release Prevention Program (CalARP) Guidelines.  
(<http://www.sdcountry.ca.gov/>, [www.oes.ca.gov](http://www.oes.ca.gov))

County of San Diego, Department of Environmental Health, Hazardous Materials Division. Hazardous Materials Business Plan Guidelines. ([www.sdcountry.ca.gov](http://www.sdcountry.ca.gov))

County of San Diego Code of Regulatory Ordinances, Title 3, Div 5, CH. 3, Section 35.39100.030, Wildland/Urban Interface Ordinance, Ord. No.9111, 2000.  
([www.amlegal.com](http://www.amlegal.com))

Robert T. Stafford Disaster Relief and Emergency Assistance Act as amended October 30, 2000, US Code, Title 42, Chapter 68, 5121, et seq.  
([www4.law.cornell.edu](http://www4.law.cornell.edu))

Unified San Diego County Emergency Services Organization Operational Area Emergency Plan, March 2000.

Unified San Diego County Emergency Services Organization Operational Area Energy Shortage Response Plan, June 1995.

Uniform Building Code. ([www.buildersbook.com](http://www.buildersbook.com))

Uniform Fire Code 1997 edition published by the Western Fire Chiefs Association and the International Conference of Building Officials, and the National Fire Protection Association Standards 13 &13-D, 1996 Edition, and 13-R, 1996 Edition. ([www.buildersbook.com](http://www.buildersbook.com))

#### HYDROLOGY & WATER QUALITY

American Planning Association, Planning Advisory Service Report Number 476 Non-point Source Pollution: A Handbook for Local Government

California Department of Water Resources, California Water Plan Update. Sacramento: Dept. of Water Resources State of California. 1998. ([rubicon.water.ca.gov](http://rubicon.water.ca.gov))

California Department of Water Resources, California's Groundwater Update 2003 Bulletin 118, April 2003.  
([www.groundwater.water.ca.gov](http://www.groundwater.water.ca.gov))

California Department of Water Resources, Water Facts, No. 8, August 2000. ([www.dpla2.water.ca.gov](http://www.dpla2.water.ca.gov))

California Disaster Assistance Act. Government Code, § 8680-8692. ([www.leginfo.ca.gov](http://www.leginfo.ca.gov))

California State Water Resources Control Board, NPDES General Permit Nos. CAS000001 INDUSTRIAL ACTIVITIES (97-03-DWQ) and CAS000002 Construction Activities (No. 99-08-DWQ) ([www.swrcb.ca.gov](http://www.swrcb.ca.gov))

California Storm Water Quality Association, California Storm Water Best Management Practice Handbooks, 2003.

California Water Code, Sections 10754, 13282, and 60000 et seq. ([www.leginfo.ca.gov](http://www.leginfo.ca.gov))

Colorado River Basin Regional Water Quality Control Board, Region 7, Water Quality Control Plan.  
([www.swrcb.ca.gov](http://www.swrcb.ca.gov))

County of San Diego Regulatory Ordinance, Title 8, Division 7, Grading Ordinance. Grading, Clearing and Watercourses. ([www.amlegal.com](http://www.amlegal.com))



County of San Diego, Groundwater Ordinance. #7994.  
([www.sdcountry.ca.gov](http://www.sdcountry.ca.gov), <http://www.amlegal.com/>.)

County of San Diego, Project Clean Water Strategic Plan,  
2002. ([www.projectcleanwater.org](http://www.projectcleanwater.org))

County of San Diego, Watershed Protection, Storm Water  
Management, and Discharge Control Ordinance,  
Ordinance Nos. 9424 and 9426. Chapter 8, Division 7,  
Title 6 of the San Diego County Code of Regulatory  
Ordinances and amendments. ([www.amlegal.com](http://www.amlegal.com))

County of San Diego. Board of Supervisors Policy I-68.  
Diego Proposed Projects in Flood Plains with Defined  
Floodways. ([www.co.san-diego.ca.us](http://www.co.san-diego.ca.us))

Federal Water Pollution Control Act (Clean Water Act), 1972,  
Title 33, Ch.26, Sub-Ch.1. ([www4.law.cornell.edu](http://www4.law.cornell.edu))

Freeze, Allan and Cherry, John A., Groundwater, Prentice-  
Hall, Inc. New Jersey, 1979.

Heath, Ralph C., Basic Ground-Water Hydrology, United  
States Geological Survey Water-Supply Paper; 2220,  
1991.

National Flood Insurance Act of 1968. ([www.fema.gov](http://www.fema.gov))

National Flood Insurance Reform Act of 1994.  
([www.fema.gov](http://www.fema.gov))

Porter-Cologne Water Quality Control Act, California Water  
Code Division 7. Water Quality. ([ceres.ca.gov](http://ceres.ca.gov))

San Diego Association of Governments, Water Quality  
Element, Regional Growth Management Strategy, 1997.  
([www.sandag.org](http://www.sandag.org))

San Diego Regional Water Quality Control Board, NPDES  
Permit No. CAS0108758. ([www.swrcb.ca.gov](http://www.swrcb.ca.gov))

San Diego Regional Water Quality Control Board, Water  
Quality Control Plan for the San Diego Basin.  
([www.swrcb.ca.gov](http://www.swrcb.ca.gov))

#### LAND USE & PLANNING

California Department of Conservation Division of Mines and  
Geology, Open File Report 96-04, Update of Mineral Land  
Classification: Aggregate Materials in the Western San  
Diego County Production Consumption Region, 1996.  
([www.consrv.ca.gov](http://www.consrv.ca.gov))

California Environmental Quality Act, CEQA Guidelines,  
2003. ([ceres.ca.gov](http://ceres.ca.gov))

California Environmental Quality Act, Public Resources  
Code 21000-21178; California Code of Regulations,  
Guidelines for Implementation of CEQA, Appendix G, Title  
14, Chapter 3, §15000-15387. ([www.leginfo.ca.gov](http://www.leginfo.ca.gov))

California General Plan Glossary of Terms, 2001.  
([ceres.ca.gov](http://ceres.ca.gov))

California State Mining and Geology Board, SP 51,  
California Surface Mining and Reclamation Policies and  
Procedures, January 2000. ([www.consrv.ca.gov](http://www.consrv.ca.gov))

County of San Diego Code of Regulatory Ordinances, Title  
8, Zoning and Land Use Regulations. ([www.amlegal.com](http://www.amlegal.com))

County of San Diego, Board of Supervisors Policy I-84:  
Project Facility. ([www.sdcountry.ca.gov](http://www.sdcountry.ca.gov))

County of San Diego, Board Policy I-38, as amended 1989.  
([www.sdcountry.ca.gov](http://www.sdcountry.ca.gov))

County of San Diego, Department of Planning and Land  
Use. The Zoning Ordinance of San Diego County.  
([www.co.san-diego.ca.us](http://www.co.san-diego.ca.us))

County of San Diego, General Plan as adopted and  
amended from September 29, 1971 to April 5, 2000.  
([ceres.ca.gov](http://ceres.ca.gov))

County of San Diego. Resource Protection Ordinance,  
compilation of Ord. Nos. 7968, 7739, 7685 and 7631.  
1991.

Design Review Guidelines for the Communities of San Diego  
County.

Guide to the California Environmental Quality Act (CEQA) by  
Michael H. Remy, Tina A. Thomas, James G. Moore, and  
Whitman F. Manley, Point Arena, CA: Solano Press  
Books, 1999. ([ceres.ca.gov](http://ceres.ca.gov))

#### MINERAL RESOURCES

National Environmental Policy Act, Title 42, 36.401 et. seq.  
1969. ([www4.law.cornell.edu](http://www4.law.cornell.edu))

Subdivision Map Act, 2003. ([ceres.ca.gov](http://ceres.ca.gov))

U.S. Geologic Survey, Causey, J. Douglas, 1998, MAS/MILS  
Mineral Location Database.

U.S. Geologic Survey, Frank, David G., 1999, (MRDS)  
Mineral Resource Data System.

#### NOISE

California State Building Code, Part 2, Title 24, CCR,  
Appendix Chapter 3, Sound Transmission Control, 1988. .  
([www.buildersbook.com](http://www.buildersbook.com))

County of San Diego Code of Regulatory Ordinances, Title  
3, Div 6, Chapter 4, Noise Abatement and Control,  
effective February 4, 1982. ([www.amlegal.com](http://www.amlegal.com))

County of San Diego General Plan, Part VIII, Noise Element,  
effective December 17, 1980. ([ceres.ca.gov](http://ceres.ca.gov))

Federal Aviation Administration, Federal Aviation  
Regulations, Part 150 Airport Noise Compatibility Planning  
(revised January 18, 1985). (<http://www.access.gpo.gov/>)

Harris Miller Miller and Hanson Inc., *Transit Noise and  
Vibration Impact Assessment*, April 1995.  
(<http://ntl.bts.gov/data/rail05/rail05.html>)

International Standard Organization (ISO), ISO 362; ISO  
1996 1-3; ISO 3095; and ISO 3740-3747. ([www.iso.ch](http://www.iso.ch))

U.S. Department of Transportation, Federal Highway  
Administration, Office of Environment and Planning, Noise  
and Air Quality Branch. "Highway Traffic Noise Analysis  
and Abatement Policy and Guidance," Washington, D.C.,  
June 1995. (<http://www.fhwa.dot.gov/>)

#### POPULATION & HOUSING

Housing and Community Development Act of 1974, 42 USC  
5309, Title 42--The Public Health And Welfare, Chapter  
69--Community Development, United States Congress,  
August 22, 1974. ([www4.law.cornell.edu](http://www4.law.cornell.edu))

National Housing Act (Cranston-Gonzales), Title 12, Ch. 13.  
([www4.law.cornell.edu](http://www4.law.cornell.edu))

San Diego Association of Governments Population and  
Housing Estimates, November 2000. ([www.sandag.org](http://www.sandag.org))

US Census Bureau, Census 2000. (<http://www.census.gov/>)

## RECREATION

County of San Diego Code of Regulatory Ordinances, Title 8, Division 10, Chapter PLDO, §810.101 et seq. Park Lands Dedication Ordinance. ([www.amlegal.com](http://www.amlegal.com))

## TRANSPORTATION/TRAFFIC

California Aeronautics Act, Public Utilities Code, Section 21001 et seq. ([www.leginfo.ca.gov](http://www.leginfo.ca.gov))

California Department of Transportation, Division of Aeronautics, California Airport Land Use Planning Handbook, January 2002.

California Department of Transportation, Environmental Program Environmental Engineering – Noise, Air Quality, and Hazardous Waste Management Office. "Traffic Noise Analysis Protocol for New Highway Construction and Reconstruction Projects," October 1998. ([www.dot.ca.gov](http://www.dot.ca.gov))

California Public Utilities Code, SDCRAA. Public Utilities Code, Division 17, Sections 170000-170084. ([www.leginfo.ca.gov](http://www.leginfo.ca.gov))

California Street and Highways Code. California Street and Highways Code, Section 260-283. ([www.leginfo.ca.gov](http://www.leginfo.ca.gov))

County of San Diego, Alternative Fee Schedules with Pass-By Trips Addendum to Transportation Impact Fee Reports, March 2005. (<http://www.sdcounty.ca.gov/dpw/land/pdf/TransImpactFee/attach.pdf>)

County of San Diego Transportation Impact Fee Report. January 2005. (<http://www.sdcounty.ca.gov/dpw/permits-forms/manuals.html>)

Fallbrook & Ramona Transportation Impact Fee Report, County of San Diego, January 2005. (<http://www.sdcounty.ca.gov/dpw/permits-forms/manuals.html>)

Office of Planning, Federal Transit Administration, Transit Noise and Vibration Impact Assessment, Final Report, April 1995.

San Diego Association of Governments, 2020 Regional Transportation Plan. Prepared by the San Diego Association of Governments. ([www.sandag.org](http://www.sandag.org))

San Diego Association of Governments, Comprehensive Land Use Plan for Borrego Valley Airport (1986), Brown Field (1995), Fallbrook Community Airpark (1991), Gillespie Field (1989), McClellan-Palomar Airport (1994). ([www.sandag.org](http://www.sandag.org))

US Code of Federal Regulations, Federal Aviation Regulations (FAR), Objects Affecting Navigable Airspace, Title 14, Chapter 1, Part 77. ([www.gpoaccess.gov](http://www.gpoaccess.gov))

## UTILITIES & SERVICE SYSTEMS

California Code of Regulations (CCR), Title 14. Natural Resources Division, CIWMB Division 7; and Title 27, Environmental Protection Division 2, Solid Waste. ([ccr.oal.ca.gov](http://ccr.oal.ca.gov))

California Integrated Waste Management Act. Public Resources Code, Division 30, Waste Management, Sections 40000-41956. ([www.leginfo.ca.gov](http://www.leginfo.ca.gov))

County of San Diego, Board of Supervisors Policy I-78: Small Wastewater. ([www.sdcounty.ca.gov](http://www.sdcounty.ca.gov))

Unified San Diego County Emergency Services Organization Annex T Emergency Water Contingencies, October 1992. ([www.co.san-diego.ca.us](http://www.co.san-diego.ca.us))

United States Department of Agriculture, Natural Resource Conservation Service LESA System.

United States Department of Agriculture, Soil Survey for the San Diego Area, California. 1973.

US Census Bureau, Census 2000.

US Code of Federal Regulations, Federal Aviation Regulations (FAR), Objects Affecting Navigable Airspace, Title 14, Chapter 1, Part 77.

US Department of the Interior, Bureau of Land Management (BLM) modified Visual Management System.

US Department of Transportation, Federal Highway Administration (FHWA) Visual Impact Assessment for Highway Projects.

ND02-08\0204054-ISF:jcr